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OM nucleic - nucleic search, using sw model

Run on: September 25, 2003, 15:14:55 ; Search time 478 Seconds  
(without alignments)  
10405.864 Million cell updates/sec

Title: US-09-905-732B-5

Perfect score: 1998  
Sequence: 1 gcgcgcgcgttctctgtt.....agaaaaaaaaaaaaaaaa 1998

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1678620 seqs, 1244745471 residues

Total number of hits satisfying chosen parameters: 3357240

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications NA:\*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1575	78.8	1799	12 US-10-286-926-2	Sequence 2, Appli
2	1575	78.8	1799	13 US-10-091-085-2	Sequence 2, Appli
3	1575	78.8	1799	13 US-10-092-063-2	Sequence 2, Appli
4	1419	71.0	1437	9 US-09-925-299-103	Sequence 103, App
5	1419	71.0	1457	11 US-09-925-299-103	Sequence 103, App
6	1386.4	69.4	1601	12 US-10-286-926-24	Sequence 24, Appl
7	1386.4	69.4	1601	13 US-10-092-063-24	Sequence 24, Appl
8	1285.4	64.3	1287	12 US-10-286-926-4	Sequence 4, Appli
9	1285.4	64.3	1287	13 US-10-091-085-4	Sequence 4, Appli
10	1285.4	64.3	1287	13 US-10-092-063-4	Sequence 4, Appli
11	1275.8	63.9	1287	12 US-10-286-926-6	Sequence 6, Appli
12	1275.8	63.9	1287	13 US-10-091-085-6	Sequence 6, Appli
13	1275.8	63.9	1287	13 US-10-092-063-6	Sequence 6, Appli
14	538	26.9	14747	12 US-10-286-926-42	Sequence 42, Appl
15	524.4	26.2	9365	12 US-10-286-926-8	Sequence 8, Appli
16	524.4	26.2	9365	13 US-10-091-085-8	Sequence 8, Appli

17	524.4	26.2	9365	13 US-10-092-063-8	Sequence 8, Appli
18	476	23.8	978	14 US-10-198-846-12729	Sequence 12729, A
19	393.4	19.7	407	10 US-09-880-107-573	Sequence 573, App
20	359.2	18.0	420	10 US-09-960-352-11752	Sequence 11752, A
21	340.6	17.0	2693	12 US-10-286-926-48	Sequence 48, Appl
22	340.6	17.0	2762	12 US-10-286-926-26	Sequence 26, Appl
23	340.6	17.0	2762	12 US-10-286-926-52	Sequence 52, Appl
24	340.6	17.0	2762	13 US-10-092-063-26	Sequence 26, Appl
25	319	16.0	2371	12 US-10-286-926-46	Sequence 46, Appl
26	319	16.0	2497	12 US-10-286-926-51	Sequence 51, Appl
27	318.4	15.9	342	10 US-09-998-598-11114	Sequence 1714, Ap
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31	298.4	14.9	300	13 US-10-092-063-1	Sequence 1, Appli
32	295	14.8	2294	12 US-10-286-926-49	Sequence 49, Appl
33	294.6	14.7	925	14 US-10-198-846-5299	Sequence 5299, Ap
34	289.2	14.5	1498	12 US-10-286-926-45	Sequence 45, Appl
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36	278.2	13.9	1588	12 US-10-286-926-53	Sequence 53, Appl
37	264.4	13.2	2882	12 US-10-286-926-54	Sequence 54, Appl
38	224.2	11.2	935	14 US-10-198-846-5297	Sequence 5297, Ap
39	205.2	10.3	904	14 US-10-198-846-10692	Sequence 10692, A
40	190.8	9.5	416	9 US-09-822-849A-299	Sequence 299, App
41	145	7.3	461	9 US-09-864-761-723	Sequence 723, App
42	144.4	7.2	912	14 US-10-198-846-5345	Sequence 5345, Ap
43	141.8	7.1	239	9 US-09-864-761-17509	Sequence 17509, A
44	123.2	6.2	1900	12 US-10-286-926-47	Sequence 47, Appl
45	109.8	5.5	282	10 US-09-960-352-13474	Sequence 13474, A

#### ALIGNMENTS

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RESULT 1
US-10-286-926-2
; Sequence 2, Application US/10286926
; Publication No. US20030175752A1
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Mulero, Giulio
; APPLICANT: Yeung, George
; TITLE OF INVENTION: Methods and Materials Relating to CD39-Like
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 28110/36457CON
; CURRENT APPLICATION NUMBER: US/10/286, 926
; CURRENT FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: 09/557, 800
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/481, 238
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: 09/370, 265
; PRIOR FILING DATE: 1999-08-09
; PRIOR APPLICATION NUMBER: PCT/US99/16180
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: 09/350836
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/273447
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: 09/122449
; PRIOR FILING DATE: 1998-07-24
; PRIOR APPLICATION NUMBER: 09/244444
; PRIOR FILING DATE: 1999-02-04
; PRIOR APPLICATION NUMBER: 09/118, 205
; PRIOR FILING DATE: 1998-07-16
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 1799
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
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: LOCATION: (246)..(1529)
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (1718)
: OTHER INFORMATION: n = adenine or guanine or cytosine or thymidine
US-10-286-926-2

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Query Match	78.88;	Score 1575;	DB 12;	Length 1799;
Best Local Similarity	98.28;	Pred. No. 0;		
Matches 1620; Conservative	2;	Mismatches	2;	Indels 25; Gaps 2

OY	1	GGGGGGGGTTTCCCTTCTTCCCTGTCACAAAGAAATGTGGAGTCTCTTGGCTTAATCC	60
Db	24	GGGGGGGGGTTTCTCTGTCTCTGGTCAACAAAGAAATGTGGAGTCTTGGCTTAATCC	83
OY	61	TCATACAGACAAAGATCATTAATGATGCTGTAGTAGACATGTATCCAGATGTAAAGTTG	120
Db	84	TCATACAGACAAAGATCATTAATGATGCTGT-----AGTTG	119
OY	121	AAAAAGTATTAATAAAGAACCAAGAGAAATTCAGAAAGAAAGAAAAATTCCTC	180
Db	120	AAAAAGTATTAATAAAGAACCAAGAGAAATTCAGAAAGAAAGAAAAATTCCTC	179
OY	181	TGCAGGTGGGACAGAGATGTCTTCTCAACAAAGGCTCACACAGACATCTTGG	240
Db	180	TGCAGGTGGGACAGAGATGTCTTCTCAACAAAGGCTCACACAGACATCTTGG	239
OY	241	AAAAAATGGCCACTTCTTGGGGCACAGCTCTTTTCATGCTGTGTATCTCTGTTCG	300
Db	240	AAAAAATGGCCACTTCTTGGGGCACAGCTCTTTTCATGCTGTGTATCTCTGTTCG	299
OY	301	AGCGCTGCTCCACAGGAACACAGACTGGTTTGAGGGATATCTCTCTCTCCATG	360
Db	300	AGCGCTGCTCCACAGGAACACAGACTGGTTTGAGGGATATCTCTCTCTCCATG	359
OY	361	TGCCCATCAATGTACGGCCAGCACTTGTATGGAATTAATGTTGATGACAGAGCACT	420
Db	360	TGCCCATCAATGTACGGCCAGCACTTGTATGGAATTAATGTTGATGACAGAGCACT	419
OY	421	GGAACTGGAATTAATGATTTACCTTTGTGAGAAATGCCAGACACACTTCCATTTCTA	480
Db	420	GGAACTGGAATTAATGATTTACCTTTGTGAGAAATGCCAGACACACTTCCATTTCTA	479
OY	481	GAAAGGGAAGTTTGTATTTCTGTGAAGCCAGACACTTCTGCTTTGTATCAACCTTAAG	540
Db	480	GAAAGGGAAGTTTGTATTTCTGTGAAGCCAGACACTTCTGCTTTGTATCAACCTTAAG	539
OY	541	CAGGGTCTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGACTCAATCCCGGAAGT	600
Db	540	CAGGGTCTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGACTCAATCCCGGAAGT	599
OY	601	CACGTGAAAAAGACCCAGTGGTCTTAAAGGCAACAGAGACATACGTTTACTGGCAGAA	660
Db	600	CACGTGAAAAAGACCCAGTGGTCTTAAAGGCAACAGAGACATACGTTTACTGGCAGAA	659
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Db	660	CACAAAGCCAAAGGCTGCTCTTGAAGTAAGAGATCTTCAGAGAACTCACTTCTGTG	719
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OY	781	ACGTGTGAATTTTCAGACAGGTCAAGCTCATGGCCACAGACAGAGAGACTGTGGGACCTTG	840
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OY	841	GACCTTAGGGGAGGCTCCACCAAAATACGTTCTCGCCCAAGTTTGAAACAACTCTGGAA	900
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Db	900	CAAACTCCTAGGGGCTACCTACTTCCITTTGAGATGTTTAAACAGCACTTATTAAGCTAT	959
OY	961	ACACATACTTACTTTGGATTTGGATTTGAATGGAAGCTGCACACACTAGCAACCCCTGGAGCCCTG	1020
Db	960	ACACATAGTTACCTGGGATTTTGGATTTGAAGACCTGCACACTAGCAACCCCTGGAGCCCTG	1019
OY	1021	GAGACAGAGGAGCTGATGGGCACACTTTCGGAGTGGCTGTTTACGAGATGTTGGAA	1086
Db	1020	GAGACAGAGGAGCTGATGGGACACTTTCGGAGTGGCTGTTTACCGATGTTGGAA	1079
OY	1081	GCAGAGTGAATCTTTGGGGGTGTGGAATTAACAGATAGTGGCAACCAAGAGGGAGGTG	1148
Db	1080	GCAGAGTGAATCTTTGGGGGTGTGGAATTAACAGATAGTGGCAACCAAGAGGGAGGTG	1139
OY	1141	GGCTTTGAGCCCTGCTATGCCAGAGTGGCTGAGGGTGGTACGAGGAAAATTACACAGCA	1200
Db	1140	GGCTTTGAGCCCTGCTATGCCAGAGTGGCTGAGGGTGGTACGAGGAAAATTACACAGCA	1199
OY	1201	GAGGAGGTCACAGAGAGGTTCTTCTATGCTTTCTTACTATATAGACCGAGCTGTTGAC	1260
Db	1200	GAGGAGGTCACAGAGAGGTTCTTCTATGCTTTCTTACTATATAGACCGAGCTGTTGAC	1259
OY	1261	ACAGCATGATTTGATTAATGAAGGGGGGTATTTTAAAGTTGAAGATTTTGAAGAAAA	1320
Db	1260	ACAGCATGATTTGATTAATGAAGGGGGGTATTTTAAAGTTGAAGATTTTGAAGAAAA	1319
OY	1321	GCCAGGGAAGTGTGTATTAACCTTTGGAAAACTTCACTACGAGCAGTCTTTCCTGTGATG	1380
Db	1320	GCCAGGGAAGTGTGTATTAACCTTTGGAAAACTTCACTACGAGCAGTCTTTCCTGTGATG	1379
OY	1381	GATCTCAGCTACATACAGCCCTGTAAAGATGGCTTTGGCTTTGCAGACACACAGTC	1440
Db	1380	GATCTCAGCTACATACAGCCCTGTAAAGATGGCTTTGGCTTTGCAGACACACAGTC	1439
OY	1441	TTTACAGCTCAAAAAGAAAGTGAACAACATTAAGACGGGCTTGAGGGGCCACCTTT	1500
Db	1440	TTTACAGCTCAAAAAGAAAGTGAACAACATTAAGACGGGCTTGAGGGGCCACCTTT	1499
OY	1501	CACCTGTGTGAGTCTCTGGGGCATCTCCCATTTAGAGGCCACTGTAATCTTCTTGGAGACCTGCA	1560
Db	1500	CACCTGTGTGAGTCTCTGGGGCATCTCCCATTTAGAGGCCACTGTAATCTTCTTGGAGACCTGCA	1559
OY	1561	TTTGTCCCAACACCTTTTAAAGGGGAGAGAGACCTTAAGTTTCTGAACCTAGTCT- GGGAC	1619
Db	1560	TTTGTCCCAACACCTTTTAAAGGGGAGAGAGACCTTAAGTTTCTGAACCTAGTCTGGGGAC	1619
OY	1620	ATCCTGAGCTGAGCCCTAGAGATTTAGGT 1648	
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RESULT 2  
 US-10-091-085-2  
 Sequence 2, Application US/10091085  
 Publication No. US20020146772A1  
 GENERAL INFORMATION:  
 APPLICANT: Mulero, John  
 TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE  
 FILE REFERENCE: 28110/35761  
 CURRENT APPLICATION NUMBER: US/10/091,085  
 PRIOR FILING DATE: 2002-03-05  
 PRIOR APPLICATION NUMBER: 09/350,836  
 PRIOR FILING DATE: 1999-07-09  
 PRIOR APPLICATION NUMBER: 09/273,447  
 PRIOR FILING DATE: 1999-03-19  
 PRIOR APPLICATION NUMBER: 09/118,205  
 PRIOR FILING DATE: 1998-07-16  
 PRIOR APPLICATION NUMBER: 09/122,449  
 PRIOR FILING DATE: 1998-07-24  
 PRIOR APPLICATION NUMBER: 09/244,444  
 PRIOR FILING DATE: 1999-02-04



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RESULT 4
US-09-925-299-103
; Sequence 103, Application US/09925299
; Patent No. US20020055627A1
; GENERAL INFORMATION:

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; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA102
; CURRENT APPLICATION NUMBER: US/09/925, 299
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05883
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124, 270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1556
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 103
; LENGTH: 1457
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-925-299-103

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Query Match      71.0%; Score 1419; DB 9; Length 1457;
Best Local Similarity 99.3%; Pred. No. 0;
Matches 1427; Conservative 7; Mismatches 2; Indels 1; Gaps 1;

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QY 554 CCGTTCAGAGGCTCTTAGAGTGGCCAAAGACTCAATCCCGAAGTCACTGGAAAAAGA 613
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QY 614 CCCCAGTGGTCTTAAAGCCACAGCAGAGCTACGGCTTACTGCCAGAACCAAGCCAGG 673
DB 74 CCCCAGTGGTCTTAAAGCCACAGCAGAGCTACGGCTTACTGCCAGAACCAAGCCAGG 133
QY 674 CTCCTCTCTTTAGAGTAAAGAGATCTTCAGAGAGTACCTTCTCTGTTACCAAGGCA 733
DB 134 CTCCTCTCTTTAGAGTAAAGAGATCTTCAGAGAGTACCTTCTCTGTTACCAAGGCA 193
QY 724 GTGTAGCATCATGTGATGGATCCGAGAAAGCATATTACTGGGTACTGTGAATTTTC 793
DB 194 GTGTAGCATCATGTGATGGATCCGAGAAAGCATATTACTGGGTACTGTGAATTTTC 253
QY 794 TGACAGGTCAAGTGCAGCAGACAGAGAGAGTGTGGGACCTTGGACTTGAAGGGGAG 853
DB 254 TGACAGGTCAAGTGCAGCAGACAGAGAGAGTGTGGGACCTTGGACTTGAAGGGGAG 313
QY 854 CCTCACCACCAATTCAGGTTCCCTGCCAGTTTGAAGAAACTCGGAACAACCTCCTAGGG 913
DB 314 CCTCACCACCAATTCAGGTTCCCTGCCAGTTTGAAGAAACTCGGAACAACCTCCTAGGG 373
QY 914 GCTACCTCACTCTCTTGGATGTTTAAACAGCACTATATAGCTCTATACATAGTTACT 973
DB 374 GCTACCTCACTCTCTTGGATGTTTAAACAGCACTATATAGCTCTATACATAGTTACT 433
QY 974 TGGATTTGGATTTGAAGCTGCAAGACTAGCAACCTGGGAGCCCTGGAGACAGAAAGGA 1033
DB 434 TGGATTTGGATTTGAAGCTGCAAGACTAGCAACCTGGGAGCCCTGGAGACAGAAAGGA 493
QY 1034 CTGATGGGACACACTTCCGAGAGTCCCTGTTTACCGAGATGGTTGGAAGAGAGTGAATCT 1093
DB 494 CTGATGGGACACACTTCCGAGAGTCCCTGTTTACCGAGATGGTTGGAAGAGAGTGAATCT 553
QY 1094 TTGGGGGTGTGAATAACAGATGTGTGCAACCAAGAGGAGGGCTTTGAGCCCT 1153
DB 554 TTGGGGGTGTGAATAACAGATGTGTGCAACCAAGAGGAGGGCTTTGAGCCCT 613
QY 1154 GCTATGCCGAGTGTGAGGTTGTAAGAGAAACCTTGACCAAGCCAGAGAGGAGTCCAGA 1213
DB 614 GCTATGCCGAGTGTGAGGTTGTAAGAGAAACCTTGACCAAGCCAGAGAGGAGTCCAGA 673
QY 1214 GAGGTTCTCTTATGCTTCTCTTACTATTATGACGAGACTGTGTGACACAGATATTTG 1273
DB 674 GAGGTTCTCTTATGCTTCTCTTACTATTATGACGAGACTGTGTGACACAGATATTTG 733
QY 1274 ATTATGAAAAAGGGGATTTTAAAGATTTGAAGATTTTGAAGAAAGCAGGGAAGTGT 1333
DB 734 ATTATGAAAAAGGGGATTTTAAAGATTTTGAAGATTTTGAAGAAAGCAGGGAAGTGT 793

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QY 1334 GTGATACCTTGGAAAACTTACCTCAGGAGCTCTTCTGTGATGATCTCAGGTACA 1393
DB 794 GTGATACCTTGGAAAACTTACCTCAGGAGCTCTTCTGTGATGATCTCAGGTACA 853
QY 1394 TCACAGCCCTGTTAAAGGATGGCTTTGGCTTTCGACACAGACAGTCTTACAGCTACAA 1453
DB 854 TCACAGCCCTGTTAAAGGATGGCTTTGGCTTTCGACACAGACAGTCTTACAGCTACAA 913
QY 1454 AGAAGTGAACAACATAGAGACAGGCTGGGCGCTTGGGGCCACCTTTCACCTTTGCAGT 1513
DB 914 AGAAGTGAACAACATAGAGACAGGCTGGGCGCTTGGGGCCACCTTTCACCTTTGCAGT 973
QY 1514 CTCCTGGCATCTCCCATTTAGAGGCGACGTAATCTCTTGGAGACCTTGATTTGCCAACCT 1573
DB 974 CTCCTGGCATCTCCCATTTAGAGGCGACGTAATCTCTTGGAGACCTTGATTTGCCAACCT 1033
QY 1574 TTTTAAAGGGAGAGAGACAGCACTTACTTCTGCACTAGTCT -GGACATCTGGACTTGA 1632
DB 1034 TTTTAAAGGGAGAGAGACAGCACTTACTTCTGCACTAGTCTGGGGACATCTGGACTTGA 1093
QY 1633 GCCTAGAGATTTAGTTTAAATTTTAAATTTTACATCTAATGTGAACGTGCTTAACCACT 1692
DB 1094 GCCTAGAGATTTAGTTTAAATTTTAAATTTTACATCTAATGTGAACGTGCTTAACCACT 1153
QY 1693 CAAGAGTACACAGCTGGCACACAGAGCATCACAGAGAGCCCTGTGAGCCAAAGATATGT 1752
DB 1154 CAAGAGTACACAGCTGGCACACAGAGCATCACAGAGAGCCCTGTGAGCCAAAGATATGT 1213
QY 1753 TTTGGAACCTTAACTTTGAGTGAAGTGAAGCCCAAGGACAGTCCCTGGAACCAAGAAAT 1812
DB 1214 TTTGGAACCTTAACTTTGAGTGAAGTGAAGCCCAAGGACAGTCCCTGGAACCAAGAAAT 1273
QY 1813 CGCATTTCAACCTTTGAGTGGCTCATTTCCACATGATATTTTAAATTTTCTCTTAATGG 1872
DB 1274 CGCATTTCAACCTTTGAGTGGCTCATTTCCACATGATATTTTAAATTTTCTCTTAATGG 1333
QY 1873 TAAAGTACTTATTTGCAATCCCAAGACCATCATATATGATATTTTTCCTCCATATAC 1932
DB 1334 TAAAGTACTTATTTGCAATCCCAAGACCATCATATATGATATTTTTCCTCCATATAC 1393
QY 1933 AGTCCCTGCCACCTTATCTGACCCACCTCCCTGAAAAAGAGAAAAA 1989
DB 1394 AGTCCCTGCCACCTTATCTGACCCACCTCCCTGAAAAAGAAAAA 1450

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RESULT 5
US-09-925-299-103
; Sequence 103, Application US/09925299
; Publication No. US20030040617A9
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA102
; CURRENT APPLICATION NUMBER: US/09/925, 299
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05883
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124, 270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1556
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 103
; LENGTH: 1457
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-925-299-103

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Query Match      71.0%; Score 1419; DB 11; Length 1457;
Best Local Similarity 99.3%; Pred. No. 0;
Matches 1427; Conservative 7; Mismatches 2; Indels 1; Gaps 1;
QY 554 CCGTTCAGAGGCTCTTAGAGTGGCCAAAGACTCAATCCCGAAGTCACTGGAAAAAGA 613

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Db 14 CCGTTCAAGGGCTTTAGAGTGGCCAAAGACTCAATCCCCGAGTCACTGAAAAA 73  
 QY 614 CCCAGTGGTCTTAAAGCAACAGCAGGACTTACGTTACGCGAACAACAAGCCAGG 673  
 Db 74 CCCAGTGGTCTTAAAGCAACAGCAGGACTTACGTTACGCGAACAACAAGCCAGG 133  
 QY 674 CTCTGCTCTTTGAGGTAAAGAGATCTTCAGGAAGTCACTTTCTGCTGACCAAGGCA 733  
 Db 134 CTCTGCTCTTTGAGGTAAAGAGATCTTCAGGAAGTCACTTTCTGCTGACCAAGGCA 193  
 QY 734 GTGTAGCATCATGATGATCCGACGAGGACATATTAGCTTGGGTTACTGTGAATTTTC 793  
 Db 194 GTGTAGCATCATGATGATCCGACGAGGACATATTAGCTTGGGTTACTGTGAATTTTC 253  
 QY 794 TGACAGTTCAGTGCATGAGGACAGACAGGAGTGGGGGACCTTGGACCTAGGGGAG 853  
 Db 254 TGACAGTTCAGTGCATGAGGACAGACAGGAGTGGGGGACCTTGGACCTAGGGGAG 313  
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 Db 314 CCTCAACCCAAATCACGTTCTGCCCCAGTTTGAGAAAACTCTGGAACAACTCCTGAGG 373  
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 Db 374 GCTACCTCACTTCTTGAAGATGTTTAAAGACACTTATAGCTCTATACATAGTTACT 433  
 QY 974 TGGGATTTGGATTGAAAGTGCAGACAGTACCAACCTGGGAGCCCTGGAGACAGAAAGGA 1033  
 Db 434 TGGGATTTGGATTGAAAGTGCAGACAGTACCAACCTGGGAGCCCTGGAGACAGAAAGGA 493  
 QY 1034 CTGATGGGACACTTTCGAGAGTGCCTGTTTACCGAGATGGTTGAAACAGAGTGAATCT 1093  
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 Db 554 TTGGGGGTGGAATACCATATGATGGTGGCAACCAAGAGGGAGTGGGCTTTGAGCCCT 613  
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 Db 614 GCTATGCCGAAGTCTGAGGGTGTAGAGGAAACTTACACAGCCAGAGAGGAGCCGGA 673  
 QY 1214 GAGGTTCTTCTTATGCTTCTTCTTATATGACCGAGCTGTTGACACAGATGATG 1273  
 Db 674 GAGGTTCTTCTTATGCTTCTTCTTATATGACCGAGCTGTTGACACAGATGATG 733  
 QY 1274 ATTATGAAAAGGGGGGATTTTAAAGTTGAAAGTTTGAAGAAAGCCAGGGAAGTGT 1333  
 Db 734 ATTATGAAAAGGGGGGATTTTAAAGTTGAAAGTTTGAAGAAAGCCAGGGAAGTGT 793  
 QY 1334 GTGATTAACCTTGAAGAACTTCACTCAGGAGTCTTCTCTGTGATGATCTCAGCTACA 1393  
 Db 794 GTGATTAACCTTGAAGAACTTCACTCAGGAGTCTTCTCTGTGATGATCTCAGCTACA 853  
 QY 1394 TCAACAGCCCTGTTAAAGATGCTTGGCTTTGACAGACAGACAGTCTTACAGCTACAA 1453  
 Db 854 TCAACAGCCCTGTTAAAGATGCTTGGCTTTGACAGACAGACAGTCTTACAGCTACAA 913  
 QY 1454 AGAAATGGAACAACATAGAGAGGGGCTGGGGGACCTTTCACCTGTTGCACT 1513  
 Db 914 AGAAATGGAACAACATAGAGAGGGGCTGGGGGACCTTTCACCTGTTGCACT 973  
 QY 1514 CTCTGGGCACTTCCATTTGAGGCGACGACTTCTTGGAGACCTGCAATTTGCCAAGACT 1573  
 Db 974 CTCTGGGCACTTCCATTTGAGGCGACGACTTCTTGGAGACCTGCAATTTGCCAAGACT 1033  
 QY 1574 TTTTAAAGGGAGAGAGACACTTATGTTTGAACATAGTCT- GGGACATCTGCACTTGA 1632  
 Db 1034 TTTTAAAGGGAGAGAGACACTTATGTTTGAACATAGTCTGAGGACATCTGCACTTGA 1093  
 QY 1633 GCCTAGAGATTTAGTTTATTTATTTTACACATCTATGTAAGTCTGCTTAACACT 1692  
 Db 1094 GCCTAGAGATTTAGTTTATTTATTTTACACATCTATGTAAGTCTGCTTAACACT 1153

QY 1693 CAAGAGTACACAGCTGGACACAGAGCATACAGAGAGCCCGTGAGCCAAAGATATAGT 1752  
 Db 1154 CAGAGTATACAGCTGGACACAGAGCATACAGAGAGCCCTGTGAGCCAAAGATATAGT 1213  
 QY 1753 TTTGGAACCTTAACTTGGAGTGAAGGCCAGGAGCAGTCCCTGGAACCAAGAAAT 1812  
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 QY 1813 CGATTTCACCTTTGAGTGGCTCATTTCCACTGATATTTAAATTTTCTTTAAATGG 1872  
 Db 1274 CGCATTTCAACCTTTGAGTGGCTCATTTCCACTGATATTTAAATTTTCTTTAAATGG 1333  
 QY 1873 TAACTGATTTATGGAATCCCAAGCCCATCAATATACATATTTTCTCCCTATAC 1932  
 Db 1334 TAACTGATTTATGGAATCCCAAGCCCATCAATATACATATTTTCTCCCTATAC 1393  
 QY 1933 AGTGCCCTGCCACCTTATCTGACCCACCTCCCTGGAAGAGAGAAAAA 1989  
 Db 1394 AGTGCCCTGCCACCTTATCTGACCCACCTCCCTGGAAGAGAGAAAAA 1450

RESULT 6  
 US-10-286-926-24  
 ; Sequence 24, Application US/10286926  
 ; Publication No. US20030175752A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ford, John  
 ; APPLICANT: Mulero, Julio  
 ; APPLICANT: Yeung, George  
 ; TITLE OF INVENTION: Methods and Materials Relating to CD39-Like  
 ; FILE REFERENCE: 28110/36457CON  
 ; CURRENT APPLICATION NUMBER: US/10/286, 926  
 ; CURRENT FILING DATE: 2002-11-01  
 ; PRIOR APPLICATION NUMBER: 09/557, 800  
 ; PRIOR FILING DATE: 2000-04-25  
 ; PRIOR APPLICATION NUMBER: 09/481, 238  
 ; PRIOR FILING DATE: 2000-01-11  
 ; PRIOR APPLICATION NUMBER: 09/370, 265  
 ; PRIOR FILING DATE: 1999-08-09  
 ; PRIOR APPLICATION NUMBER: PCT/US99/16180  
 ; PRIOR FILING DATE: 1999-07-16  
 ; PRIOR APPLICATION NUMBER: 09/350836  
 ; PRIOR FILING DATE: 1999-07-09  
 ; PRIOR APPLICATION NUMBER: 09/273447  
 ; PRIOR FILING DATE: 1999-03-19  
 ; PRIOR APPLICATION NUMBER: 09/122449  
 ; PRIOR FILING DATE: 1998-07-24  
 ; PRIOR APPLICATION NUMBER: 09/244444  
 ; PRIOR FILING DATE: 1999-02-04  
 ; PRIOR APPLICATION NUMBER: 09/118, 205  
 ; PRIOR FILING DATE: 1998-07-16  
 ; NUMBER OF SEQ ID NOS: 54  
 ; SOFTWARE: Patentln Ver. 2.0  
 ; SEQ ID NO 24  
 ; LENGTH: 1601  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-286-926-24

Query Match 69.4%; Score 1386.4; DB 12; Length 1601;  
 Best Local Similarity 98.3%; Pred. No. 0;  
 Matches 1421; Conservative 0; Mismatches 1; Indels 24; Gaps 1;  
 QY 1 GCGCGCGGCTTTCTGTTCTGCTGCAACAAAGAAATGAGTGTCTTGCTGAATCC 60  
 Db 24 GCGCGCGGCTTTCTGTTCTGCTGCAACAAAGAAATGAGTGTCTTGCTGAATCC 83  
 QY 61 TCATACAGACAGATCATATGATGCTGTAGTACGACTTGTATCCAGATGTAAGTTG 120  
 Db 84 TCATACAGACAGATCATATGATGCTGTAGTACGACTTGTATCCAGATGTAAGTTG 119

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Oy 121 AAAAGTATATATAAAGAACCAAGAGAAATTCAGAGAAAGAAAAATTCGCTC 180
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Db 120 AAAAGTATATATAAAGAACCAAGAGAAATTCAGAGAAAGAAAAATTCGCTC 179
Oy 181 TGCAGGTGTGCGAGCAGAGATTGCTTCTGCAACAAAAGCCTCCAGCCACATCTTGGG 240
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Db 180 TGCAGGTGTGCGAGCAGAGATTGCTTCTGCAACAAAAGCCTCCAGCCACATCTTGGG 239
Oy 241 AAAAGTATGCGCACTTCTTGGGGCAGCAGCTTTTCATGCTGCTGATCCGTGTTGC 300
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Db 240 AAAAGTATGCGCACTTCTTGGGGCAGCAGCTTTTCATGCTGCTGATCCGTGTTGC 299
Oy 301 AGCGTGTCTCCACAGAGAACAGCAGACTTGTGAGGGATCTTCTGCTTCATG 360
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Db 300 AGCGTGTCTCCACAGAGAACAGCAGACTTGTGAGGGATCTTCTGCTTCATG 359
Oy 361 TGCCTCATCATGTGACGCCAGCAGCCTTGTATGGAATATGTTTGCAGGAGCAGCT 420
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Db 360 TGCCTCATCATGTGACGCCAGCAGCCTTGTATGGAATATGTTTGCAGGAGCAGCT 419
Oy 421 GGAATCGAATTCATGTTTACACCTTTGTGCAAAAATGCCAGAGCTTCATTTCTA 480
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Db 420 GGAATCGAATTCATGTTTACACCTTTGTGCAAAAATGCCAGAGCTTCATTTCTA 479
Oy 481 GAAGGGGAAGTTTGTATCTGTGAAGCCAGAGACTTTCCTTTGTATGATCACTTAAG 540
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Db 480 GAAGGGGAAGTTTGTATCTGTGAAGCCAGAGACTTTCCTTTGTATGATCACTTAAG 539
Oy 541 CAGGTGTGAGACCGCTTCAAGGGCTCTTGAAGTGGCCAAAGACTCAATCCCGGAGT 600
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Db 540 CAGGTGTGAGACCGCTTCAAGGGCTCTTGAAGTGGCCAAAGACTCAATCCCGGAGT 599
Oy 601 CACTGGAAAAAGACCCAGTGTGCTTAAAGGCAAGAGGAGCTACGCTTACGCCAGAA 660
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Db 660 CACAAAGCCAAAGGCTCTGCTCTTGTGAAGTAAAGAGATCTTACAGAAAGTCACTTCTG 719
Oy 721 GTACCAAAAGGCGAGTGTATGATGATGATGATGATGATGATGATGATGATGATGAT 780
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Db 720 GTACCAAAAGGCGAGTGTATGATGATGATGATGATGATGATGATGATGATGATGAT 779
Oy 781 ACTGGAATTTCTGACAGGTGAGTGCATGATGATGATGATGATGATGATGATGATGAT 840
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Db 780 ACTGGAATTTCTGACAGGTGAGTGCATGATGATGATGATGATGATGATGATGATGAT 839
Oy 841 GACCTAGGGGAGCCTCCACCCAAATCAGCTTCTGCCCCAGTTTGAAGAAACTCTGAA 900
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Db 840 GACCTAGGGGAGCCTCCACCCAAATCAGCTTCTGCCCCAGTTTGAAGAAACTCTGAA 899
Oy 901 CAACTCCTAGGGGCTACCTCACTTCTTGAAGATGTTTAAACAGCACTTATAGCTTAT 960
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Db 900 CAACTCCTAGGGGCTACCTCACTTCTTGAAGATGTTTAAACAGCACTTATAGCTTAT 959
Oy 961 ACACATAGTACTTGGGATTTGGATTTGAAGAGCTGCAAGACTAGCAACCTGGAGGCTG 1020
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Db 960 ACACATAGTACTTGGGATTTGGATTTGAAGAGCTGCAAGACTAGCAACCTGGAGGCTG 1019
Oy 1021 GAGACAGAAAGGAGTATGAGGAGCACTTCCGAGAGCTGTTTACGAGATGTTGAA 1080
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Db 1020 GAGACAGAAAGGAGTATGAGGAGCACTTCCGAGAGCTGTTTACGAGATGTTGAA 1079
Oy 1081 GCAGAGTGTATCTTGGGGGTGAAATACAGATATGTTGCAACCAAGAGGGAGGTG 1140
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Db 1080 GCAGAGTGTATCTTGGGGGTGAAATACAGATATGTTGCAACCAAGAGGGAGGTG 1139
Oy 1141 GCGTTTGAAGCCCTGCTATGCGCAAGTGTGAGGGTGTACGAGGAAACTTCAACGACA 1200
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Db 1140 GCGTTTGAAGCCCTGCTATGCGCAAGTGTGAGGGTGTACGAGGAAACTTCAACGACA 1199
Oy 1201 GAGAGGTCTCAGAGAGTCTTCTATGCTTCTTACTATATGACGAGCTGTGAC 1260

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Db 1200 GAGAGGTCTCAGAGAGTCTTCTATGCTTCTTCTACTATATATGACGAGCTGTGAC 1259
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Db 1260 ACAGACATGATGATATGATAAAGGGGGTATTTTAAAGTTGAGATTTTGAAGAAAA 1319
Oy 1321 GCCAGGAGTGTGATGATGATGATAAAGCTTCACTCAGGAGTCTTCTGTCATG 1380
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Db 1320 GCCAGGAGTGTGATGATGATGATAAAGCTTCACTCAGGAGTCTTCTGTCATG 1379
Oy 1381 GATCTCAGTATACATCAGACCCCTGTTAAAGATGCTTGTGCTTTCAGACAGCAGTC 1440
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Db 1380 GATCTCAGTATACATCAGACCCCTGTTAAAGATGCTTGTGCTTTCAGACAGCAGTC 1439
Oy 1441 TTACAG 1446
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Db 1440 TTACAG 1445

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## RESULT 7

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US-10-092-063-24
; Sequence 24, Application US/10092063
; Publication No. US20020173005A1
; GENERAL INFORMATION:
; APPLICANT: Mulero, Julio
; APPLICANT: Ford, John
; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE POLYPEPTIDES
; FILE REFERENCE: 28110/35908
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/370,265
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: PCT/US99/16180
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: 09/350,836
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/273,447
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: 09/244,444
; PRIOR FILING DATE: 1999-02-04
; PRIOR APPLICATION NUMBER: 09/122,449
; PRIOR FILING DATE: 1998-07-24
; PRIOR APPLICATION NUMBER: 09/118,205
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 1601
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-063-24

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Query Match 69.4%; Score 1386.4; DB 13; Length 1601;
Best Local Similarity 98.3%; Pred. No. 0;
Matches 1421; Conservative 0; Mismatches 1; Indels 24; Gaps 1;

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Oy 1 GCGCGCGCGTTTCTTCTTCTTCTGTCACAAAGAAATGAGAGTGTCTTGGCTGAATCC 60
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Db 24 GCGCGCGCGTTTCTTCTTCTTCTGTCACAAAGAAATGAGAGTGTCTTGGCTGAATCC 83
Oy 61 TCATACAGACAAATATTTAGTGTGCTGTTAGGTAGAGCTTGTATCAGATGTAAGTTG 120
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Db 84 TCATACAGACAAATATTTAGTGTGCTGTTAGGTAGAGCTTGTATCAGATGTAAGTTG 119
Oy 121 AAAAGTATATATAAAGAACCAAGAGAAATTCAGAGAAAGAAAAATTCGCTC 180
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Db 120 AAAAGTATATATAAAGAACCAAGAGAAATTCAGAGAAAGAAAAATTCGCTC 179
Oy 181 TGCAGGTGTGCGAGCAGAGATTGCTTGTGCAACAAAAGCCTCCAGCCACATCTTGGG 240
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QY 241 AAAAGATGGCACTTCTGGGCGACAGTCTTTTCATCTGTCGTATCCGTGTTCG 300  
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 DB 300 AGGCGTCTCCACAGAGAACACAGACTTGTGAGGGTATCTTCTGTCATG 359  
 QY 361 TGGCCCATCAATGTCAGGCGACAGCCTTGATGGAATATGTTGATGAGGAGCACT 420  
 DB 360 TGGCCCATCAATGTCAGGCGACAGCCTTGATGGAATATGTTGATGAGGAGCACT 419  
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 DB 600 CACTGGAAGAACCCAGTGTCTTAAGGCAACAGAGACTACGCTTACTGCGAGAA 659  
 QY 661 CACAAAGCCAAAGGCTGTCTTGTAGTAAAGAGATCTTCAAGAGTCACTTCTGTG 720  
 DB 660 CACAAAGCCAAAGGCTGTCTTGTAGTAAAGAGATCTTCAAGAGTCACTTCTGTG 719  
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 QY 781 ACTGTAAATTTTGTGACAGTCAAGCTGACATGCGCACAGAGAGACTGTGGGACCTTG 840  
 DB 780 ACTGTAAATTTTGTGACAGTCAAGCTGACATGCGCACAGAGAGACTGTGGGACCTTG 839  
 QY 841 GACCTGAGGGGAGCCTCCACCAATCAGTTCCTGCGCCAGTTGAGAAACCTCTGAA 900  
 DB 840 GACCTGAGGGGAGCCTCCACCAATCAGTTCCTGCGCCAGTTGAGAAACCTCTGAA 899  
 QY 901 CAAACTCTAGGGGCTACCTCACTTCTTGTAGATGTTTAAACAGCACTTAACTCTAT 960  
 DB 900 CAAACTCTAGGGGCTACCTCACTTCTTGTAGATGTTTAAACAGCACTTAACTCTAT 959  
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 DB 1080 GCAGAGTGTATTTGGGGGTGTGAATATACAGTATGTTGGCAACCAAGAGGGGAGGTG 1139  
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 QY 1441 TTTACAG 1446  
 DB 1440 TTTACAG 1445  
 RESULT 8  
 US-10-286-926-4  
 ; Sequence 4, Application US/10286926  
 ; Publication No. US20030175752A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ford, John  
 ; APPLICANT: Mulero, Julio  
 ; APPLICANT: Yeung, George  
 ; TITLE OF INVENTION: Methods and Materials Relating to CD39-Like  
 ; FILE REFERENCE: 28110/3645/CON  
 ; CURRENT APPLICATION NUMBER: US/10/286,926  
 ; PRIOR FILING DATE: 2002-11-01  
 ; PRIOR APPLICATION NUMBER: 09/557,800  
 ; PRIOR FILING DATE: 2000-04-25  
 ; PRIOR APPLICATION NUMBER: 09/481,238  
 ; PRIOR FILING DATE: 2000-01-11  
 ; PRIOR APPLICATION NUMBER: 09/370,265  
 ; PRIOR FILING DATE: 1999-08-09  
 ; PRIOR APPLICATION NUMBER: PCT/US99/16180  
 ; PRIOR FILING DATE: 1999-07-16  
 ; PRIOR APPLICATION NUMBER: 09/350836  
 ; PRIOR FILING DATE: 1999-07-09  
 ; PRIOR APPLICATION NUMBER: 09/273447  
 ; PRIOR FILING DATE: 1999-03-19  
 ; PRIOR APPLICATION NUMBER: 09/122449  
 ; PRIOR FILING DATE: 1998-07-24  
 ; PRIOR APPLICATION NUMBER: 09/244444  
 ; PRIOR FILING DATE: 1999-02-04  
 ; PRIOR APPLICATION NUMBER: 09/118,205  
 ; PRIOR FILING DATE: 1998-07-16  
 ; NUMBER OF SEQ ID NOS: 54  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 4  
 ; LENGTH: 1287  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: (1)..(1284)  
 ; US-10-286-926-4  
 Query Match 64.3%; Score 1285.4; DB 12; Length 1287;  
 Best Local Similarity 99.9%; Pred. No. 0;  
 Matches 1286; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 247 ATGGCAGCTTCTTGGGGGACAGACTTTTTCATCTGTCGTATCCGTGTGGACAGCT 306  
 DB 1 ATGGCAGCTTCTTGGGGGACAGACTTTTTCATCTGTCGTATCCGTGTGGACAGCT 60  
 QY 307 GTCTCCACAGAGAACACAGACTTGTGAGGGATCTTCTGTCATGTCATGTCGCC 366  
 DB 61 GTCTCCACAGAGAACACAGACTTGTGAGGGATCTTCTGTCATGTCATGTCGCC 120  
 QY 367 ATCAATGTACAGCCAGCAGCACTTGTATGGAATATGTTGATGACAGGAGCACTGAACT 426  
 DB 121 ATCAATGTACAGCCAGCAGCACTTGTATGGAATATGTTGATGACAGGAGCACTGAACT 180  
 QY 427 CGAATTCATGTTTACACCTTTGTGCAAGAAATGCCAGAGCACTTCCAATTTAGAGGG 486  
 DB 181 CGAATTCATGTTTACACCTTTGTGCAAGAAATGCCAGAGCACTTCCAATTTAGAGGG 240



QY 487 GAAGTTTGTGATGTTGTAAGCCAGGACTTCTGCTTTGTAGATCAACCTAAGCAGGCT 546  
 DB 241 GAAGTTTGTGATGTTGTAAGCCAGGACTTCTGCTTTGTAGATCAACCTAAGCAGGCT 300  
 QY 547 GCTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGACTCAATCCCGCAAGTCACTGG 606  
 DB 301 GCTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGACTCAATCCCGCAAGTCACTGG 360  
 QY 607 AAAAAGACCCCACTGCTCTTAAAGCAACAGCAGACTACGCTTACTGCCAGAACACAAA 666  
 DB 361 AAAAAGACCCCACTGCTCTTAAAGCAACAGCAGACTACGCTTACTGCCAGAACACAAA 420  
 QY 667 GCCAAGGCTGCTGCTTTGAGGTAAGGAGATCTTGAAGAGTCCACTTCCGTAACCA 726  
 DB 421 GCCAAGGCTGCTGCTTTGAGGTAAGGAGATCTTGAAGAGTCCACTTCCGTAACCA 480  
 QY 727 AAGGCGAGTGTAGATCATGATGATCGAGCAAGGCAATATTAGCTTGGTACTGTG 786  
 DB 481 AAGGCGAGTGTAGATCATGATGATCGAGCAAGGCAATATTAGCTTGGTACTGTG 540  
 QY 787 AATTTTCTGACAGCTGAGTGCATGGCCACAGACAGAGAGACTGTGGGACCTTGGACCTA 846  
 DB 541 AATTTTCTGACAGCTGAGTGCATGGCCACAGACAGAGAGACTGTGGGACCTTGGACCTA 600  
 QY 847 GGGGGAGCCTCCACCCCAATACGTCCTGCCCCAGTTTGAAGAACTCTGGAAACAACT 906  
 DB 601 GGGGGAGCCTCCACCCCAATACGTCCTGCCCCAGTTTGAAGAACTCTGGAAACAACT 660  
 QY 907 CCTAGAGGCTACCTCACTTCTTGAAGATGTTTAAAGCACTATAAGCTCTATACAT 966  
 DB 661 CCTAGAGGCTACCTCACTTCTTGAAGATGTTTAAAGCACTATAAGCTCTATACAT 720  
 QY 967 AGTTACTTGGGATTTGGATTTGAAAGCTGCAGACTAGCAACCTGGGAGCCTTGGAGACA 1026  
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 QY 1027 GAAGGAGCTGATGGGAGACACTTCCGAGAGTCTGTTTACCAGATGGTTGGAAGCAGAG 1086  
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 DB 841 TGGATCTTTGGGGGTGTGAATATCCAGATAGTGGCAACCAAGGGAGGTGGGCTTT 900  
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 DB 901 GAGCCTGCTATGCCAGAGTGTGAGGGGTGTACAGAGAAACTTCAACCAAGCAGAGAG 960  
 QY 1207 GTCCAGAGAGTCTCTTATGCTTCTCTTACTATTATGACGAGGTGTGACACAGAC 1266  
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 QY 1387 AGCTATATCAGACCCCTGTTAAAGGATGGCTTTGGGCTTTGACAGACACAGTCTTACAG 1446  
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 DB 1261 TTGCACTCTCTGGGCACTCTCCCATTTGA 1287

RESULT 9  
 US-10-091-085-4  
 ; Sequence 4, Application US/10091085  
 ; Publication No. US20020146772A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ford, John  
 ; APPLICANT: Mulero, Julio  
 ; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE  
 ; FILE REFERENCE: 2810/35761  
 ; CURRENT APPLICATION NUMBER: US/10/091,085  
 ; PRIORITY FILING DATE: 2002-03-05  
 ; PRIORITY APPLICATION NUMBER: 09/350,836  
 ; PRIORITY FILING DATE: 1999-07-09  
 ; PRIORITY APPLICATION NUMBER: 09/273,447  
 ; PRIORITY FILING DATE: 1999-03-19  
 ; PRIORITY APPLICATION NUMBER: 09/118,205  
 ; PRIORITY FILING DATE: 1998-07-16  
 ; PRIORITY APPLICATION NUMBER: 09/122,449  
 ; PRIORITY FILING DATE: 1998-07-24  
 ; PRIORITY APPLICATION NUMBER: 09/244,444  
 ; PRIORITY FILING DATE: 1999-02-04  
 ; NUMBER OF SEQ ID NOS: 23  
 ; SOFTWARE: Patentln Ver. 2.0  
 ; SEQ ID NO 4  
 ; LENGTH: 1287  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: (1)..(1284)  
 US-10-091-085-4  
 Query Match 64.3%; Score 1285.4; DB 13; Length 1287;  
 Best Local Similarity 99.9%; Pred. No. 0;  
 Matches 1286; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 247 ATGGCCACTTCTTGGGCGACAGTCTTTTCAATGCTGTGATCTCTGTGTTGACAGGCT 306  
 DB 1 ATGGCCACTTCTTGGGCGACAGTCTTTTCAATGCTGTGATCTCTGTGTTGACAGGCT 60  
 QY 307 GTCTCCACAGAAACGACGACTTGGTTGAGGGTATCTTCTGTCATGCTGCCCC 366  
 DB 61 GTCTCCACAGAAACGACGACTTGGTTGAGGGTATCTTCTGTCATGCTGCCCC 120  
 QY 367 ATCAATGTCAAGCGCCAGACACTTGTATGAAATTAATTTGATGAGGAGACATGGAAT 426  
 DB 121 ATCAATGTCAAGCGCCAGACACTTGTATGAAATTAATTTGATGAGGAGACATGGAAT 180  
 QY 427 CGAATTCATGTTTACACTTTTGTGCAAGAAATGCCAGACAGTTCGAATTTCTGAAAGG 486  
 DB 181 CGAATTCATGTTTACACTTTTGTGCAAGAAATGCCAGACAGTTCGAATTTCTGAAAGG 240  
 QY 487 GAAGTTTGTGATGTTGTAAGCCAGACTTCTGCTTTTGAATCAACCTAAGCAGGCT 546  
 DB 241 GAAGTTTGTGATGTTGTAAGCCAGACTTCTGCTTTTGAATCAACCTAAGCAGGCT 300  
 QY 547 GCTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGACTCAATCCCGCAAGTCACTGG 606  
 DB 301 GCTGAGACCGTTCAAGGGCTCTTGAAGTGGCCAAAGACTCAATCCCGCAAGTCACTGG 360  
 QY 607 AAAAAGACCCCACTGCTCTTAAAGCAACAGCAGACTACGCTTACTGCCAGAACACAAA 666  
 DB 361 AAAAAGACCCCACTGCTCTTAAAGCAACAGCAGACTACGCTTACTGCCAGAACACAAA 420  
 QY 667 GCCAAGGCTGCTGCTTTGAGGTAAGGAGATCTTGAAGAGTCCACTTCCGTAACCA 726  
 DB 421 GCCAAGGCTGCTGCTTTGAGGTAAGGAGATCTTGAAGAGTCCACTTCCGTAACCA 480  
 QY 727 AAGGCGAGTGTAGATCATGATGATCGAGCAAGGCAATATTAGCTTGGTACTGTG 786  
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QY 787 AATTTTCTGACAGGTCACATGTCATGTCACAGACAGAGACTGTGGGACCTTGGACCTA 846
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QY 847 GGGGAGAGCTCCACCCCAATACAGTCTTCCGCCAGTTTGAGAAAACTCTGAGAACAACT 906
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QY 907 CCTAGGGGCTACCTCCTCTTGTGAGATGTTTAACAGCACTATTAAGCTCTATACACT 966
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Db 661 CCTAGGGGCTACCTCCTCTTGTGAGATGTTTAACAGCACTATTAAGCTCTATACACT 720
QY 967 AGTTACTTGGGATTTGATTAAGAGCTCAAGACTAGCAACCTGGAGCCCTGGAGACA 1026
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Db 721 AGTTACTTGGGATTTGATTAAGAGCTCAAGACTAGCAACCTGGAGCCCTGGAGACA 780
QY 1027 GAAGGAGCTGATGGGACACCTTCCGGAGTGCCTGTTTACGAGATGTTGGAAGCAGAG 1086
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Db 781 GAAGGAGCTGATGGGACACCTTCCGGAGTGCCTGTTTACGAGATGTTGGAAGCAGAG 840
QY 1087 TGGATCTTTGGGGGTGTGAATATACAGATGTTGGCAACCAAGAGGGAGGTGGGCTTT 1146
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Db 841 TGGATCTTTGGGGGTGTGAATATACAGATGTTGGCAACCAAGAGGGAGGTGGGCTTT 900
QY 1147 GAGCCCTGCTATGCGCAAGTCTGAGGGTGTACAGAGAAAACTTACACAGCCAGAGAGAG 1206
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QY 1267 ATGATGATTAATGAAGAGGGGGGTATTTTAAAGTTGAAGATTTTGAAGAAAAACCCAGG 1326
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Db 1021 ATGATGATTAATGAAGAGGGGGGTATTTTAAAGTTGAAGATTTTGAAGAAAAACCCAGG 1080
QY 1327 GAAGTGTGTATTAACCTTGGAAAACTTCACTCAGGCACTCTTCTCTGTGATGATCTC 1386
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Db 1081 GAAGTGTGTATTAACCTTGGAAAACTTCACTCAGGCACTCTTCTCTGTGATGATCTC 1140
QY 1387 AGCTACATCAACAGCCCTGTTTAAAGATGGCTTTGGCTTTGAGACAGACAGTCTTAACAG 1446
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Db 1141 AGCTACATCAACAGCCCTGTTTAAAGATGGCTTTGGCTTTGAGACAGACAGTCTTAACAG 1200
QY 1447 CTCACAAAAGAAAGTGAACAACATAGAGACGGGCTGGGCTTGGGGCCACCTTTCACCTG 1506
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QY 1507 TTGCAGTCTCTGGGCACTCTCCCATTTGA 1533
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Db 1261 TTGCAGTCTCTGGGCACTCTCCCATTTGA 1287

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; PRIOR APPLICATION NUMBER: 09/244,444
; PRIOR FILING DATE: 1999-02-04
; PRIOR APPLICATION NUMBER: 09/122,449
; PRIOR FILING DATE: 1998-07-24
; PRIOR APPLICATION NUMBER: 09/118,205
; PRIOR FILING DATE: 1998-07-16
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO: 4
; LENGTH: 1287
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1284)
; US-10-092-063-4

Query Match      64.3%  Score 1285.4;  DB 13;  Length 1287;
Best Local Similarity 99.9%;  Pred. No. 0;
Matches 1286;  Conservative 0;  Mismatches 1;  Indels 0;  Gaps 0;

QY 247 ATGGCACTCTTGGGGCAGACAGTCTTTTATGCTGTGATCTCTGTGTTGACAGCCT 306
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QY 307 GTCTCCACAGAACACAGACACTTGGTTGAGGGTATCTTCTGTCTTCCATGTGCCCC 366
    |||||||
Db 61 GTCTCCACAGAACACAGACACTTGGTTGAGGGTATCTTCTGTCTTCCATGTGCCCC 120
QY 367 ATCAATGTACGCGCCACAGCCTTGTATGAATTAATGTTGATGACAGGAGCTGAACT 426
    |||||||
Db 121 ATCAATGTACGCGCCACAGCCTTGTATGAATTAATGTTGATGACAGGAGCTGAACT 180
QY 427 CGAATTCATGTTTACACCTTGTGACAGAAATGACAGACAGCTTCAATTCAGAAAGG 486
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Db 181 CGAATTCATGTTTACACCTTGTGACAGAAATGACAGACAGCTTCAATTCAGAAAGG 240
QY 487 GAAGTTTGTATCTGTGAAGCCAGAGACTTCTGCTTTTGTATCAACCTTAACAGAGGT 546
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Db 241 GAAGTTTGTATCTGTGAAGCCAGAGACTTCTGCTTTTGTATCAACCTTAACAGAGGT 300
QY 547 GCTGACAGCCTTAAGAGGCTTGAAGAGTGGCCCAAGACATCAATCCCGAGTCACTGG 606
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Db 301 GCTGACAGCCTTAAGAGGCTTGAAGAGTGGCCCAAGACATCAATCCCGAGTCACTGG 360
QY 607 AAAAAGACCCCAATGGGCTTAAAGGCAACAGAGACTAGCTTACGCCAAGACACAAA 666
    |||||||
Db 361 AAAAAGACCCCAATGGGCTTAAAGGCAACAGAGACTAGCTTACGCCAAGACACAAA 420
QY 667 GCCAAGGCTCTGCTCTTGAAGTAAAGAGATCTTCAAGAAAGTCACTTCTGCTGTAACA 726
    |||||||
Db 421 GCCAAGGCTCTGCTCTTGAAGTAAAGAGATCTTCAAGAAAGTCACTTCTGCTGTAACA 480
QY 727 AAGGCAAGTGTATGATCATGATGATGATCCGACGAGAGCAATTAATGTTGGTATCTGTG 786
    |||||||
Db 481 AAGGCAAGTGTATGATCATGATGATGATCCGACGAGAGCAATTAATGTTGGTATCTGTG 540
QY 787 AATTTTCTGACAGGTCACATGTCATGTCACAGACAGAGACTGTGGGACCTTGGACCTA 846
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Db 541 AATTTTCTGACAGGTCACATGTCATGTCACAGACAGAGACTGTGGGACCTTGGACCTA 600
QY 847 GGGGAGAGCTCCACCCCAATACAGTCTTCCGCCAGTTTGAGAAAACTCTGAGAACAACT 906
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Db 601 GGGGAGAGCTCCACCCCAATACAGTCTTCCGCCAGTTTGAGAAAACTCTGAGAACAACT 660
QY 907 CCTAGGGGCTACCTCCTCTTGTGAGATGTTTAACAGCACTATTAAGCTCTATACACT 966
    |||||||
Db 661 CCTAGGGGCTACCTCCTCTTGTGAGATGTTTAACAGCACTATTAAGCTCTATACACT 720
QY 967 AGTTACTTGGGATTTGATTAAGAGCTCAAGACTAGCAACCTGGAGCCCTGGAGACA 1026
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Db 721 AGTTACTTGGGATTTGATTAAGAGCTCAAGACTAGCAACCTGGAGCCCTGGAGACA 780

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QY 1027 GAAGGAGCTGATGGGACACATTTCCGAGTGGCTGTTTACCGAGATGGTGAAGCAGAG 1086
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QY 1087 TGGATCTTTGGGGGTGTGAATATACGATATGTGGCAACCAAGAGGGAGTGGGCTTT 1146
    |||||||
Db 841 TGGATCTTTGGGGGTGTGAATATACGATATGTGGCAACCAAGAGGGAGTGGGCTTT 900
QY 1147 GAGCCCTGCTATGCCAAGTGTGAGGGTGTGTACGAGAAACTTCCACCCAGAGAGAG 1206
    |||||||
Db 901 GAGCCCTGCTATGCCAAGTGTGAGGGTGTGTACGAGAAACTTCCACCCAGAGAGAG 960
QY 1207 GTCCAGAGAGTCTCTTATGCTTCTCTTACTATATATGACGAGCTGTGACACAGAC 1266
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QY 1267 ATGATTGATTATGAAAGGGGGGTATTTTAAAGTTGAAAGATTTTGAAGAAAGCCAGG 1326
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QY 1327 GAAGTGTGTATTAAGTGTGAGAAACTTCACTGAGGAGTCTTCTGTCATGATGATCTC 1386
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Db 1081 GAAGTGTGTATTAAGTGTGAGAAACTTCACTGAGGAGTCTTCTGTCATGATGATCTC 1140
QY 1387 AGCTATATCAACAGCCCTGTGTTAAGAGATGGCTTGGCTTTCAGACAGACAGTCTTACAG 1446
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Db 1141 AGCTATATCAACAGCCCTGTGTTAAGAGATGGCTTGGCTTTCAGACAGACAGTCTTACAG 1200
QY 1447 CTCACAAAGAAAGTGAACAACATAGAGAGCGGGCTTGGGGGCCACCTTTCACCTG 1506
    |||||||
Db 1201 CTCACAAAGAAAGTGAACAACATAGAGAGCGGGCTTGGGGGCCACCTTTCACCTG 1260
QY 1507 TTGCACTCTCTGGGCACTCTCCCATTTGA 1533
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Db 1261 TTGCACTCTCTGGGCACTCTCCCATTTGA 1287

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## RESULT 11

US-10-286-926-6

Sequence 6, Application US/10286926

Publication No. US2003017572A1

GENERAL INFORMATION:

APPLICANT: Forder, John

APPLICANT: Yeung, George

TITLE OF INVENTION: Methods and Materials Relating to CD39-Like

FILE REFERENCE: Polypeptides

CURRENT APPLICATION NUMBER: US/10/286,926

CURRENT FILING DATE: 2002-11-01

PRIOR APPLICATION NUMBER: 09/557,800

PRIOR FILING DATE: 2000-04-25

PRIOR APPLICATION NUMBER: 09/481,238

PRIOR FILING DATE: 2000-01-11

PRIOR APPLICATION NUMBER: 09/370,265

PRIOR FILING DATE: 1999-08-09

PRIOR APPLICATION NUMBER: PCT/US99/16180

PRIOR FILING DATE: 1999-07-16

PRIOR APPLICATION NUMBER: 09/350836

PRIOR FILING DATE: 1999-07-09

PRIOR APPLICATION NUMBER: 09/273447

PRIOR FILING DATE: 1999-03-19

PRIOR APPLICATION NUMBER: 09/122449

PRIOR FILING DATE: 1998-07-24

PRIOR APPLICATION NUMBER: 09/244444

PRIOR FILING DATE: 1999-02-04

PRIOR APPLICATION NUMBER: 09/118,205

NUMBER OF SEQ ID NOS: 54

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 6

LENGTH: 1287

TYPE: DNA

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; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1284)
; US-10-286-926-6

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Query Match

63.9%; Score 1275.8; DB 12; Length 1287;

Best Local Similarity 99.5%; Pred. No. 0; Mismatches 7; Indels 0; Gaps 0;

Matches 1280; Conservative 0;

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QY 247 ATGGCCACTCTTGGGGCAGAGTCTTTTATGCTGTGTATGCTGTGTTGAGGAGCT 306
    |||||||
Db 1 ATGGCCACTCTTGGGGCAGAGTCTTTTATGCTGTGTATGCTGTGTTGAGGAGCT 60
QY 307 GTCTCCACAGAAACAGACAGACTTGTGTGAGGATATCTTCTGTCATGATGCTCC 366
    |||||||
Db 61 GTCTCCACAGAAACAGACAGACTTGTGTGAGGATATCTTCTGTCATGATGCTCC 120
QY 367 ATCAATGTCAGCCGACACACCTTGTATGAAATTTATGTTGATGTCAGGAGACATGAACT 426
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Db 121 ATCAATGTCAGCCGACACACCTTGTATGAAATTTATGTTGATGTCAGGAGACATGAACT 180
QY 427 CGAATTCATGTTTACACCTTGTGTCAGAAAAATGCCAGAGACGTTCCAAATTCAGAAAGG 486
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Db 181 CGAATTCATGTTTACACCTTGTGTCAGAAAAATGCCAGAGACGTTCCAAATTCAGAAAGG 240
QY 487 GAAGTTTGTATTTCTGTGAAGCCAGAGACTTTCCTTGTGATGATCAACTTAACGAGGT 546
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    |||||||
Db 301 GCTGAGACCGTTCAGGGGCTCTTGTAGAGTGGCCAAAGACTCAATCCCGAAGTCAGTGG 360
QY 607 AAAAAAGCCCAAGTGTCTTAAGGCAACAGACAGAGACTTACGCTTACTGCCAAGACACAA 666
    |||||||
Db 361 AAAAAAGCCCAAGTGTCTTAAGGCAACAGACAGAGACTTACGCTTACTGCCAAGACACAA 420
QY 667 GCCAAGGCTGCTGCTTGTAGAGTAAAGAGATCTTCAAGAGTCAACCTTCTCGTGTCCA 726
    |||||||
Db 421 GCCAAGGCTGCTGCTTGTAGAGTAAAGAGATCTTCAAGAGTCAACCTTCTCGTGTCCA 480
QY 727 AAGGCACTGTATACATCATGATGATGCCAGCAAGAGCATATTAAGTGTGAGTGTACTGTG 786
    |||||||
Db 481 AAGGCACTGTATACATCATGATGATGCCAGCAAGAGCATATTAAGTGTGAGTGTACTGTG 540
QY 787 AATTCTGTACAGGTGACGTGCATGCGCACAGACAGAGAGACTGTGGGACCTTGACCTTA 846
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    |||||||
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    |||||||
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Db 721 AGTTACTTGGGATTTGATGAATGAAGCTGCAAGACTAGACACCTTGAGAGCCCTGAGACA 780
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    |||||||
Db 781 GAAGGAGCTGATGGGACACATTTCCGAGTGGCTGTTTACCGAGATGGTGAAGCAGAG 840
QY 1087 TGGATCTTTGGGGGTGTGAATATACGATATGTGGCAACCAAGAGGGAGTGGGCTTT 1146
    |||||||
Db 841 TGGATCTTTGGGGGTGTGAATATACGATATGTGGCAACCAAGAGGGAGTGGGCTTT 900
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 Db 1261 TTGAGTCTCTGGGCACTCTCCATTGA 1287  
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RESULT 12  
 US-10-091-085-6  
 ; Sequence 6, Application US/10091085  
 ; Publication No. US20020146772A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ford, John  
 ; APPLICANT: Mulero, Julio  
 ; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE  
 ; FILE REFERENCE: 28110/35761  
 ; CURRENT APPLICATION NUMBER: US/10/091.085  
 ; PRIOR FILING DATE: 2002-03-05  
 ; PRIOR APPLICATION NUMBER: 09/350,836  
 ; PRIOR FILING DATE: 1999-07-09  
 ; PRIOR APPLICATION NUMBER: 09/273,447  
 ; PRIOR FILING DATE: 1999-03-19  
 ; PRIOR APPLICATION NUMBER: 09/118,205  
 ; PRIOR FILING DATE: 1998-07-16  
 ; PRIOR APPLICATION NUMBER: 09/122,449  
 ; PRIOR FILING DATE: 1998-07-24  
 ; PRIOR APPLICATION NUMBER: 09/244,444  
 ; PRIOR FILING DATE: 1999-02-04  
 ; NUMBER OF SEQ ID NOS: 23  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 6  
 ; LENGTH: 1287  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: (1)..(1284)  
 ; US-10-091-085-6

Query Match 63.9% Score 1275.8; DB 13: Length 1287;  
 Best Local Similarity 99.5% Pred. No. 0;  
 Matches 1280; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 247 ATGGCCACTCTTGGGGACAGTCTTTTTCATGCTGGGATATCTGTTTTCAGAGCT 306  
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 Db 1 ATGGCCACTCTTGGGGACAGTCTTTTTCATGCTGGGATATCTGTTTTCAGAGCT 60  
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 QY 307 GTCTCCACAGAGACAGAGCTTGTGAGGGATCTTCTGTTTCCATGTGCCCC 366  
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 QY 727 AAGGCACTGTATGATCATGATGATCCGACGAAGGCATATTAGCTTGGGTACTGTG 786  
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 Db 481 AAGGCACTGTATGATCATGATGATCCGACGAAGGCATATTAGCTTGGGTACTGTG 540  
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 QY 787 AATTTCTGACAGGTGATGATGATGACAGACAGAGATGAGGAGCCTTGTGACCTA 846  
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 Db 541 AATTTCTGACAGGTGATGATGATGACAGACAGAGATGAGGAGCCTTGTGACCTA 600  
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 QY 1087 TGGAATCTTGGGGGTGTGAATACCACTATGTGTGGCAACCAAGAGGGAGTGGCTTT 1146  
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 Db 841 TGGAATCTTGGGGGTGTGAATACCACTATGTGTGGCAACCAAGAGGGAGTGGCTTT 900  
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 Db 1201 CTCACAAAGAAAGTGAACATATAGAGAGGGCTGGGCTTGGGGCCACCTTTACCTG 1260  
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QY 1507 TTGCAGTCTCTGGGATCTCCCATTTGA 1533  
 DB 1261 TTGCAGTCTCTGGGATCTCCCATTTGA 1287

RESULT 13

US-10-092-063-6  
 ; Sequence 6, Application US/10092063  
 ; Publication No. US20020173005A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ford, John  
 ; APPLICANT: Mulero, Julio  
 ; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE POLYPEPTIDES  
 ; FILE REFERENCE: 28110/35908  
 ; CURRENT APPLICATION NUMBER: US/10/092, 063  
 ; CURRENT FILING DATE: 2002-03-05  
 ; PRIOR APPLICATION NUMBER: 09/370, 265  
 ; PRIOR FILING DATE: 2002-01-31  
 ; PRIOR APPLICATION NUMBER: PCT/US99/16180  
 ; PRIOR FILING DATE: 1999-07-16  
 ; PRIOR APPLICATION NUMBER: 09/350, 836  
 ; PRIOR FILING DATE: 1999-07-09  
 ; PRIOR APPLICATION NUMBER: 09/273, 447  
 ; PRIOR FILING DATE: 1999-03-19  
 ; PRIOR APPLICATION NUMBER: 09/244, 444  
 ; PRIOR FILING DATE: 1999-02-04  
 ; PRIOR APPLICATION NUMBER: 09/122, 449  
 ; PRIOR FILING DATE: 1998-07-24  
 ; PRIOR APPLICATION NUMBER: 09/118, 205  
 ; PRIOR FILING DATE: 1998-07-16  
 ; NUMBER OF SEQ ID NOS: 39  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 6  
 ; LENGTH: 1287  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: (1)..(1284)  
 ; US-10-092-063-6

Query Match 63.9%; Score 1275.8; DB 13; Length 1287;  
 Best Local Similarity 99.5%; Pred. No. 0;  
 Matches 1280; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 247 ATGCCACTCTCTGGGACAGCTCTTTTCATGCTGCTGATCCTGCTTGGACGCT 306  
 DB 1 ATGCCACTCTCTGGGACAGCTCTTTTCATGCTGCTGATCCTGCTTGGACGCT 60  
 QY 307 GTCTCCACAGGACAGGACAGCTGTTGAGGGATCTCTCTGCTTCCATGAGGCT 366  
 DB 61 GTCTCCACAGGACAGGACAGCTGTTGAGGGATCTCTCTGCTTCCATGAGGCT 120  
 QY 367 ATCAATGTCAGGCGCCAGCACTCTTGTATGGAATTTATGATGACAGGAGCACTGAACT 426  
 DB 121 ATCAATGTCAGGCGCCAGCACTCTTGTATGGAATTTATGATGACAGGAGCACTGAACT 180  
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 QY 487 GAAGTTTGTATGTTCTGTAAGCAGGACCTTCTGCTTGTATGATCACTAAGCAAGGCT 546  
 DB 241 GAAGTTTGTATGTTCTGTAAGCAGGACCTTCTGCTTGTATGATCACTAAGCAAGGCT 300  
 QY 547 GCTGAGACCGTTCAAGGCTCTTATGAGTGGCCAAAGACATCTCCCGCAATGCTACTG 606  
 DB 301 GCTGAGACCGTTCAAGGCTCTTATGAGTGGCCAAAGACATCTCCCGCAATGCTACTG 360  
 QY 607 AAAAAGACCCCAAGTGTCTTAAAGGCAAGCAGGAGCTAGCTTACTGCGAGAACAAA 666  
 DB 361 AAAAAGACCCCAAGTGTCTTAAAGGCAAGCAGGAGCTAGCTTACTGCGAGAACAAA 420

QY 667 GCCAAGGCTCTGCTCTTTGAGGTAAGGAGATCTTCCAGAGTCCACTTTCCTGTTACCA 726  
 DB 421 GCCAAGGCTCTGCTCTTTGAGGTAAGGAGATCTTCCAGAGTCCACTTTCCTGTTACCA 480  
 QY 727 AAGGCGAGTGTAGCATCATGATGATGATCCAGAGGAGATATTTAGCTTGGTGTG 786  
 DB 481 AAGGCGAGTGTAGCATCATGATGATGATCCAGAGGAGATATTTAGCTTGGTGTG 540  
 QY 787 AATTTTCTGACAGTCACTGCTGATGAGCCACAGACAGAGATCTGAGGACCTTGAACCTA 846  
 DB 541 AATTTTCTGACAGTCACTGCTGATGAGCCACAGACAGAGATCTGAGGACCTTGAACCTA 600  
 QY 847 GGGGAGCCCTCCACCCCAATTCAGTCTGCCCCCATTTGAGAAATCTGGAGAACAACT 906  
 DB 601 GGGGAGCCCTCCACCCCAATTCAGTCTGCCCCCATTTGAGAAATCTGGAGAACAACT 660  
 QY 907 CCTAGGGGCTACCTCACTTCTTTGAGATGTTTACAGCACTTATTAAGCTCTATACAT 966  
 DB 661 CCTAGGGGCTACCTCACTTCTTTGAGATGTTTACAGCACTTATTAAGCTCTATACAT 720  
 QY 967 AGTTACTTGGGATTTGATTTGAAGCTGCAAGACTTACCACTTGGAGCCCTGGAGACA 1026  
 DB 721 AGTTACTTGGGATTTGATTTGAAGCTGCAAGACTTACCACTTGGAGCCCTGGAGACA 780  
 QY 1027 GAAGGAGTATGAGGAGCACTTCCGAGAGTCCCTGTTTACCGAGATGTTGGAAGCAGAG 1086  
 DB 781 GAAGGAGTATGAGGAGCACTTCCGAGAGTCCCTGTTTACCGAGATGTTGGAAGCAGAG 840  
 QY 1087 TGGATCTTTGGGGGTGTAAATATCAGATATGATGAGCAACCAAGAGGAGTGGCTTT 1146  
 DB 841 TGGATCTTTGGGGGTGTAAATATCAGATATGATGAGCAACCAAGAGGAGTGGCTTT 900  
 QY 1147 GAGCCCTGCTATGCCCAAGTGTGAGGAGTGTACAGAGAAATCTTACCCAGCAGAGAG 1206  
 DB 901 GAGCCCTGCTATGCCCAAGTGTGAGGAGTGTACAGAGAAATCTTACCCAGCAGAGAG 960  
 QY 1207 GTCCAGAGAGGTCCTTCTATGCTTCTTCTTCTTATATGACAGGAGTGTGACAGAG 1266  
 DB 961 GTCCAGAGAGGTCCTTCTATGCTTCTTCTTCTTATATGACAGGAGTGTGACAGAG 1020  
 QY 1267 ATGATTGATTTAAAGAGGAGGATTTTAAAGTTGAAGATTTTGAAGAAAGCCAGG 1326  
 DB 1021 ATGATTGATTTAAAGAGGAGGATTTTAAAGTTGAAGATTTTGAAGAAAGCCAGG 1080  
 QY 1327 GAAGTGTGATTAACCTTGAAGAACTTCACTGAGGAGTCTTCTGTCATGATGATCTC 1386  
 DB 1081 GAAGTGTGATTAACCTTGAAGAACTTCACTGAGGAGTCTTCTGTCATGATGATCTC 1140  
 QY 1387 AGCTACATCAGACCCGTTTAAAGATGAGCTTGGCTTTCAGACAGACAGTCTTACAG 1446  
 DB 1141 AGCTACATCAGACCCGTTTAAAGATGAGCTTGGCTTTCAGACAGACAGTCTTACAG 1200  
 QY 1447 CTCACAAAGAAATGAACAATAGAGAGGAGGCTTGGGGGCGACCTTTACACTG 1506  
 DB 1201 CTCACAAAGAAATGAACAATAGAGAGGAGGCTTGGGGGCGACCTTTACACTG 1260  
 QY 1507 TTGCAGTCTCTGGGACATCTCCATTTGA 1533  
 DB 1261 TTGCAGTCTCTGGGACATCTCCATTTGA 1287

RESULT 14

US-10-286-926-42  
 ; Sequence 42, Application US/10286926  
 ; Publication No. US20030175752A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ford, John  
 ; APPLICANT: Mulero, Julio  
 ; TITLE OF INVENTION: Methods and Materials Relating to CD39-Like  
 ; FILE REFERENCE: 28110/36457CON

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: CURRENT APPLICATION NUMBER: US/10/286,926
: CURRENT FILING DATE: 2002-11-01
: PRIOR APPLICATION NUMBER: 09/557,800
: PRIOR FILING DATE: 2000-04-25
: PRIOR APPLICATION NUMBER: 09/481,238
: PRIOR FILING DATE: 2000-01-11
: PRIOR APPLICATION NUMBER: 09/370,265
: PRIOR FILING DATE: 1999-08-09
: PRIOR APPLICATION NUMBER: PCT/US99/16180
: PRIOR FILING DATE: 1999-07-16
: PRIOR APPLICATION NUMBER: 09/350836
: PRIOR FILING DATE: 1999-07-09
: PRIOR APPLICATION NUMBER: 09/273447
: PRIOR FILING DATE: 1999-03-19
: PRIOR APPLICATION NUMBER: 09/122449
: PRIOR FILING DATE: 1998-07-24
: PRIOR APPLICATION NUMBER: 09/244444
: PRIOR FILING DATE: 1999-02-04
: PRIOR APPLICATION NUMBER: 09/118,205
: PRIOR FILING DATE: 1998-07-16
: NUMBER OF SEQ ID NOS: 54
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 42
: LENGTH: 14747
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc.feature
: LOCATION: (13641)
: OTHER INFORMATION: n = adenosine or guanine or cytosine or thymidine
US-10-286-926-42

Query Match
Best Local Similarity 26.9%; Score 538; DB 12; Length 14747;
Matches 549; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

QY 1443 ACAGCTCACAAGAAAGTGAACACATAGAGCGGCTGGGCGCCACTTTC 1502
DB 11912 ACAGCTCACAAGAAAGTGAACACATAGAGCGGCTGGGCGCCACTTTC 11971
QY 1503 CCTGTTGACGTCCTGGGATCTCCCATTTAGGCGACGTCCTTGGAGACTGCAT 1562
DB 11972 CCTGTTGACGTCCTGGGATCTCCCATTTAGGCGACGTCCTTGGAGACTGCAT 12031
QY 1563 TCCCAACACCTTTTAAAGGGAGAGAGACACTTACTGAACTAGCT-GGGACAT 1621
DB 12032 TCCCAACACCTTTTAAAGGGAGAGAGACACTTACTGAACTAGCTGGGACAT 12091
QY 1622 CCTGACCTGAGCGCTAGATTTAGTTTAAATTTTACATCTTAATGTGAACGCT 1681
DB 12092 CCTGACCTGAGCGCTAGATTTAGTTTAAATTTTACATCTTAATGTGAACGCT 12151
QY 1682 GCGTAACCACTAGAGTACACAGCTGCGACAGACATCACAGAGCCCTGGAGCCA 1741
DB 12152 GCGTAACCACTAGAGTACACAGCTGCGACAGACATCACAGAGCCCTGGAGCCA 12211
QY 1742 AAAAGTATAGTTTGGAACTTAACTTTGAGTAGAGAGCCAGGAGAGGTCCTGGAAC 1801
DB 12212 AAAAGTATAGTTTGGAACTTAACTTTGAGTAGAGAGCCAGGAGAGGTCCTGGAAC 12271
QY 1802 CAAGAAAAATGCGATTTCAACCCCTTGAAGTGCCTCATTCAGATATTTAAATTTTC 1861
DB 12272 CAAGAAAAATGCGATTTCAACCCCTTGAAGTGCCTCATTCAGATATTTAAATTTTC 12331
QY 1862 CTCTTAATAGTAACTGACTTATGCAATCCCAAGACCATCAATATCTAGTATTTT 1921
DB 12332 CTCTTAATAGTAACTGACTTATGCAATCCCAAGACCATCAATATCTAGTATTTT 12391
QY 1922 CTCTCTATAGAGTGGCCCTGCCACCCCTTATCTGACCCCACTCCCTGAAAAAGAGA 1981
DB 12392 CTCTCTATAGAGTGGCCCTGCCACCCCTTATCTGACCCCACTCCCTGAAAAAGAGA 12451
QY 1982 AAAAAAAAAA 1991
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DB 12452 AAAAAAAAAA 12461
RESULT 15
US-10-286-926-8
: Sequence 8; Application: US/10286926
: Publication No. US20030175752A1
: GENERAL INFORMATION:
: APPLICANT: Mulero, John
: APPLICANT: Yeung, George
: TITLE OF INVENTION: Methods and Materials Relating to CD39-Like
: TITLE OF INVENTION: Polypeptides
: FILE REFERENCE: 28110/3645/CON
: CURRENT APPLICATION NUMBER: US/10/286,926
: CURRENT FILING DATE: 2002-11-01
: PRIOR APPLICATION NUMBER: 09/557,800
: PRIOR FILING DATE: 2000-04-25
: PRIOR APPLICATION NUMBER: 09/481,238
: PRIOR FILING DATE: 2000-01-11
: PRIOR APPLICATION NUMBER: 09/370,265
: PRIOR FILING DATE: 1999-08-09
: PRIOR APPLICATION NUMBER: PCT/US99/16180
: PRIOR FILING DATE: 1999-07-16
: PRIOR APPLICATION NUMBER: 09/350836
: PRIOR FILING DATE: 1999-07-09
: PRIOR APPLICATION NUMBER: 09/273447
: PRIOR FILING DATE: 1999-03-19
: PRIOR APPLICATION NUMBER: 09/122449
: PRIOR FILING DATE: 1998-07-24
: PRIOR APPLICATION NUMBER: 09/244444
: PRIOR FILING DATE: 1999-02-04
: PRIOR APPLICATION NUMBER: 09/118,205
: PRIOR FILING DATE: 1998-07-16
: NUMBER OF SEQ ID NOS: 54
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 8
: LENGTH: 9365
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc.feature
: LOCATION: (3409)
: OTHER INFORMATION: n = adenine or guanine or cytosine or thymidine
: FEATURE:
: NAME/KEY: misc.feature
: LOCATION: (9214)
: OTHER INFORMATION: n = adenine or guanine or cytosine or thymidine
: FEATURE:
: NAME/KEY: misc.feature
: LOCATION: (9303)
: OTHER INFORMATION: n = adenine or guanine or cytosine or thymidine
: FEATURE:
: NAME/KEY: misc.feature
: LOCATION: (9311)
: OTHER INFORMATION: n = adenine or guanine or cytosine or thymidine
US-10-286-926-8

Query Match
Best Local Similarity 26.2%; Score 524.4; DB 12; Length 9365;
Matches 547; Conservative 1; Mismatches 2; Indels 2; Gaps 2;

QY 1443 ACAGCTCACAAGAAAGTGAACACATAGAGCGGCTGGGCGCCACTTTC 1502
DB 8552 ACAGCTCACAAGAAAGTGAACACATAGAGCGGCTGGGCGCCACTTTC 8611
QY 1503 CCTGTTGACGTCCTGGGATCTCCCATTTAGGCGACGTCCTTGGAGACTGCAT 1562
DB 8612 CCTGTTGACGTCCTGGGATCTCCCATTTAGGCGACGTCCTTGGAGACTGCAT 8671
QY 1563 TCCCAACACCTTTTAAAGGGAGAGAGACACTTACTGAACTAGCT-GGGACAT 1621
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Db      8672 TGCCAACACCTTTTAAAGGGGAGAGAGACCTTAGTTCTGMACTAGTCTGGGACAT 8731
QY      1622 CCTGACCTTGAGCCTAGAGATTAGTTAATTAAATTTACACATCTAAT-GTGAACGCG 1680
Db      8732 CCTGACCTTGAGCCTAGAGATTAGTTAATTAAATTTACACATCTAATAGTGAACGCG 8791
QY      1681 TGCCTAACCACTCAAGAGTACACAGCTGGCACCAGACATCAAGAGAGAGAGAGAGAGAGAG 1740
Db      8792 TGCCTAACCACTCAAGAGTACACAGCTGGCACCAGACATCAAGAGAGAGAGAGAGAGAG 8851
QY      1741 AAAAGTATAGTTTGGAACTTAACCTTGAGTGAAGGCCCAAGGACAGGTCCTGGAAA 1800
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QY      1801 CCAAGAAAAATCGCATTTCAACCCCTTGTAGTGCCCTCATTCACATGAATATTAATTTT 1860
Db      8912 CCAAGAAAAATCGCATTTCAACCCCTTGTAGTGCCCTCATTCACATGAATATTAATTTT 8971
QY      1861 CCTCTAAATGGTAACTGACTTATTCGCAATCCCAAGACCAATCAATATCAGTATTTT 1920
Db      8972 CCTCTAAATGGGAACTGACTTATTCGCAATCCCAAGACCAATCAATATCAGTATTTT 9031
QY      1921 TCCTCCCTATACAGTGCCTGCCACCTTATCTGACCCACCTCCCTGAAAAAGAGAG 1980
Db      9032 TCCTCCCTATACAGGCGCCCTGCCACCTTATCTGACCCACCTCCCTGAAAAAGAGAG 9091
QY      1981 AAAAAAAAAA 1992
Db      9092 AAAAAAAAAA 9103
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Search completed: September 25, 2003, 17:19:49  
Job time : 483 secs





GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: September 25, 2003, 14:47:24 ; Search time 124 Seconds  
(without alignments)  
7111.964 Million cell updates/sec

Title: US-09-905-732b-5

Perfect score: 1998  
Sequence: 1 ggcgcgcgttctctgtt.....agaaaaaaaaaaaaaaaaa 1998

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 569978 seqs, 220691566 residues

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_NA:\*

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2: /cgn2\_6/prodata/1/lna/5B\_COMB.seq:\*  
3: /cgn2\_6/prodata/1/lna/5A\_COMB.seq:\*  
4: /cgn2\_6/prodata/1/lna/5B\_COMB.seq:\*  
5: /cgn2\_6/prodata/1/lna/PCTUS\_COMB.seq:\*  
6: /cgn2\_6/prodata/1/lna/Backfillseq.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1998	100.0	1998	4	US-09-240-639-5
2	1575	78.8	1799	4	US-09-608-285A-2
3	1575	78.8	1799	4	US-09-350-835B-2
4	1575	78.8	1799	4	US-09-370-265-2
5	1575	78.8	1799	4	US-09-557-800C-2
6	1386.4	69.4	1601	4	US-09-608-285A-24
7	1386.4	69.4	1601	4	US-09-370-265-24
8	1386.4	69.4	1601	4	US-09-557-800C-24
9	1285.4	64.3	1287	4	US-09-608-285A-4
10	1285.4	64.3	1287	4	US-09-350-835B-4
11	1285.4	64.3	1287	4	US-09-370-265-4
12	1285.4	64.3	1287	4	US-09-557-800C-4
13	1275.8	63.9	1287	4	US-09-608-285A-6
14	1275.8	63.9	1287	4	US-09-350-835B-6
15	1275.8	63.9	1287	4	US-09-370-265-6
16	1275.8	63.9	1287	4	US-09-557-800C-6
17	1060.8	53.1	1119	4	US-09-240-639-7
18	538	26.9	14747	4	US-09-608-285A-42
19	538	26.9	14747	4	US-09-557-800C-42
20	538	26.9	14747	4	US-09-608-285A-59
21	524.4	26.2	9365	4	US-09-608-285A-8
22	524.4	26.2	9365	4	US-09-350-835B-8
23	524.4	26.2	9365	4	US-09-370-265-8
24	524.4	26.2	9365	4	US-09-557-800C-8
25	340.6	17.0	2693	4	US-09-608-285A-48
26	340.6	17.0	2693	4	US-09-557-800C-48
27	340.6	17.0	2762	4	US-09-608-285A-26

28	340.6	17.0	2762	4	US-09-608-285A-52	Sequence 52, Appl
29	340.6	17.0	2762	4	US-09-240-639-1	Sequence 1, Appl1
30	340.6	17.0	2762	4	US-09-370-265-26	Sequence 26, Appl
31	340.6	17.0	2762	4	US-09-557-800C-26	Sequence 26, Appl
32	340.6	17.0	2762	4	US-09-557-800C-52	Sequence 52, Appl
33	319	16.0	2371	4	US-09-608-285A-46	Sequence 46, Appl
34	319	16.0	2371	4	US-09-557-800C-46	Sequence 46, Appl
35	319	16.0	2497	4	US-09-608-285A-51	Sequence 51, Appl
36	319	16.0	2497	4	US-09-557-800C-51	Sequence 51, Appl
37	298.4	14.9	300	4	US-09-608-285A-1	Sequence 1, Appl1
38	298.4	14.9	300	4	US-09-350-835B-1	Sequence 1, Appl1
39	298.4	14.9	300	4	US-09-370-265-1	Sequence 1, Appl1
40	298.4	14.9	300	4	US-09-557-800C-1	Sequence 1, Appl1
41	295	14.8	2294	4	US-09-608-285A-49	Sequence 49, Appl
42	295	14.8	2294	4	US-09-557-800C-49	Sequence 49, Appl
43	289.2	14.5	1488	4	US-09-608-285A-45	Sequence 45, Appl
44	289.2	14.5	1488	4	US-09-557-800C-45	Sequence 45, Appl
45	289.2	14.5	2805	4	US-09-608-285A-50	Sequence 50, Appl

## ALIGNMENTS

RESULT 1									
US-09-240-639-5									
; Sequence 5, Application US/09240639									
; Patent No. 6350447									
; GENERAL INFORMATION:									
; APPLICANT: Chadwick, Brian Paul									
; APPLICANT: Frischaut, Anna-Maria									
; TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO CD35-LIKE									
; FILE REFERENCE: 9598-066									
; CURRENT FILING DATE: 1998-01-29									
; NUMBER OF SEQ ID NOS: 29									
; SOFTWARE: Patentin Ver. 2.0									
; SEQ ID NO 5									
; LENGTH: 1998									
; TYPE: DNA									
; ORGANISM: Homo sapiens									
; FEATURE:									
; NAME/KEY: CDS									
; LOCATION: (247)..(1530)									
US-09-240-639-5									
Query Match 100.0%; Score 1998; DB 4; Length 1998;									
Best Local Similarity 100.0%; Pred. No. 0;									
Matches 1998; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
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Db	1	GGCGGGCGCTTTCCTTCTTCGTCACAAAGAAATGAGTGTGGCGAATCC	60						
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Db	61	TCATACAGACAGATCATTTAGTGTCTAGTAGTATTCAGATGAAGTTG	120						
OY	121	AAAAAGTATATATTAAGAACCAAGAGAAATTCAGAGAAAGAAATTCGCTC	180						
Db	121	AAAAAGTATATATTAAGAACCAAGAGAAATTCAGAGAAAGAAATTCGCTC	180						
OY	181	TGCAGGTGCGCGAGGATTTGTCGCAAAAGCCGACCCAGCCACATCTTGGG	240						
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; PRIOR FILING DATE: 1998-07-16  
 ; NUMBER OF SEQ ID NOS: 60  
 ; SOFTWARE: Patent In Ver. 2.0  
 ; SEQ ID NO 2  
 ; LENGTH: 1799  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: (246)..(1529)  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (1718)  
 ; OTHER INFORMATION: n = adenine or guanine or cytosine or thymidine  
 US-09-608-285A-2

Query Match 78.8%; Score 1575; DB 4; Length 1799;  
 Best Local Similarity 98.2%; Pred. No. 0;  
 Matches 1620; Conservative 2; Mismatches 2; Indels 25; Gaps 2;

QY 1 GGGGGGGGTTTCCCTGTTCCGTCACAAAGAAATGGAGTGTGCTGCTGATCC 60  
 DB 24 GGGGGGGGTTTCCCTGTTCCGTCACAAAGAAATGGAGTGTGCTGCTGATCC 83  
 QY 61 TCATACAGACAAATCATTTATGCTGCTGTTAGGTAGACTTGTATCCAGATGTAAGTTG 120  
 DB 84 TCATACAGACAAATCATTTATGCTGCTGTTAGGTAGACTTGTATCCAGATGTAAGTTG 119  
 QY 121 AAAAAGTGTATATTAAGAAACCAAGAAATTCAGAGAGAAAGAAATTTGCTC 180  
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 QY 181 TSCAGGTGTGCGAGCAGATGCTTCTGCAACAAAAGCCCAAGCCAGCCATCTTGGG 240  
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 DB 660 CACAAGCCAAAGGCTGTCTTGTAGAGTAAGAGATCTTCAGAGAGTACCTTCTG 719  
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 DB 720 GTACCAAGGGAGCTGTAGCATCATGATGATCCGACAGAGCATATTAGTTGGGT 779  
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 DB 781 ACTGTAAATTTTGTGACAGGTGACGTGATGCGCAGACAGAGAGACTGTGGGACCTTG 840

DB 780 ACTGTAAATTTTGTGACAGGTGACGTGATGCGCAGACAGAGAGACTGTGGGACCTTG 839  
 QY 841 GACCTAAGGGAGCCCTCCACCCAAATCAGTTCCTGCCCCAGTTTGAGAAACTGTGAA 900  
 DB 840 GACCTAAGGGAGCCCTCCACCCAAATCAGTTCCTGCCCCAGTTTGAGAAACTGTGAA 899  
 QY 901 CAACACTGTAGGGGCTACCTCACTTCTTGTAGATGTTTAAACAGCATTTAAGCTCTAT 960  
 DB 900 CAACACTGTAGGGGCTACCTCACTTCTTGTAGATGTTTAAACAGCATTTAAGCTCTAT 959  
 QY 961 ACACATGATTTACTTGGGATTTGATTAAGAGTTCAGAGACTACCAACCTTGGAGCCCTG 1020  
 DB 960 ACACATGATTTACTTGGGATTTGATTAAGAGTTCAGAGACTACCAACCTTGGAGCCCTG 1019  
 QY 1021 GAGACAGAGGGAGCTATGCGCAGCTTCCGAGTCCGTTTACCGAGATGGTTGAA 1080  
 DB 1020 GAGACAGAGGGAGCTATGCGCAGCTTCCGAGTCCGTTTACCGAGATGGTTGAA 1079  
 QY 1081 GCAGAGTGTATTTGGGGGTGTGAATATACAGTATGTTGCAACCAAGAGGGAGAGTG 1140  
 DB 1080 GCAGAGTGTATTTGGGGGTGTGAATATACAGTATGTTGCAACCAAGAGGGAGAGTG 1139  
 QY 1141 GCGTTTGAGCCCTGTATGCGCAAGTGTGAGGGTGTACGAGAAACTTTCACAGCCA 1200  
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 QY 1501 CACCTGTTCAGATCTCTGGGATCTCCCATTTGAGGCGCAGCTACTTCTTGAAGACTGCA 1560  
 DB 1500 CACCTGTTCAGATCTCTGGGATCTCCCATTTGAGGCGCAGCTACTTCTTGAAGACTGCA 1559  
 QY 1561 TTTGCCAAGACCTTTTAAAGGGAGAGAGCAGCTAGTTTCTGAAGTACTGT -GGGAC 1619  
 DB 1560 TTTGCCAAGACCTTTTAAAGGGAGAGAGCAGCTAGTTTCTGAAGTACTGT -GGGAC 1619  
 QY 1620 ATCTGTGACTTGAGCTTGAAGATTTAGGT 1648  
 DB 1620 ATCTGTGACTTGAGCTTGAAGATTTAGGT 1648

RESULT 3  
 US-09-350-836B-2  
 ; Sequence 2, Application US/09350836B  
 ; Patent No. 6387645  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ford, John  
 ; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE  
 ; FILE REFERENCE: 28110/35761  
 ; CURRENT APPLICATION NUMBER: US/09/350,836B  
 ; CURRENT FILING DATE: 1999-07-09  
 ; PRIOR APPLICATION NUMBER: 09/273,447  
 ; PRIOR FILING DATE: 1999-03-19

Query Match	78.8%	Score 1575;	DB 4;	Length 1799;
Best Local Similarity	98.2%	Pred. No. 0;		
Matches 1620; Conservative	2;	Mismatches	2;	Indels 25; Gaps 2

Dd		720	GTACCAAAAGGCGCAGTGTATGACATCATGATGATCGACGAAGGCAATATTA	CTTGGGTT	779
Qy		781	ACTGTGAATTTTCTGACAGAGTCAGCTGCATGCGCACAGACAGAGACTGTGG	ACCTTG	840
Dd		780	ACTGTGAATTTTCTGACAGAGTCAGCTGCATGCGCACAGACAGAGACTGTGG	ACCTTG	839
Qy		841	GACCTAGGGGGAGCCCTCCACC	CAATACACCTTCCTGCGCCACCTTTGAGAAAACCTCGGAA	900
Dd		840	GACCTAGGGGGAGCCCTCCACC	CAATACACCTTCCTGCGCCACCTTTGAGAAAACCTCGGAA	899
Qy		901	CAACTCTTAGGGGCTTACCTCACTTCCTTTGAGATGTTTAA	CAGCACTTATTAAGCTCAT	960
Dd		900	CAACTCTTAGGGGCTTACCTCACTTCCTTTGAGATGTTTAA	CAGCACTTATTAAGCTCAT	959
Qy		961	ACACATAGTACCTTGGGATTTGGATTTGAAGCTGCAAGACTGCAACCTGG	AGCCCTG	1022
Dd		960	ACACATAGTACCTTGGGATTTGGATTTGAAGCTGCAAGACTGCAACCTGG	AGCCCTG	1019
Qy		1021	GAGACAGAAAGGAGCTGATGGGCACATTTCCGAGCTGCCTGTTTACC	GAGATGTTGGAA	1088
Dd		1020	GAGACAGAAAGGAGCTGATGGGCACATTTCCGAGCTGCCTGTTTACC	GAGATGTTGGAA	1079
Qy		1081	GCAGAGTGCATCTTTGGGGGCTGTGAATAATACAGATATGCTGGCAACCA	AGAGGAGAGTG	1140
Dd		1080	GCAGAGTGCATCTTTGGGGGCTGTGAATAATACAGATATGCTGGCAACCA	AGAGGAGAGTG	1139
Qy		1141	GACTTTGAGCCCTGCTATGCGCAAGTGCCTGAGAGGCTGATACGAGAA	AACTTACACAGCA	1200
Dd		1140	GACTTTGAGCCCTGCTATGCGCAAGTGCCTGAGAGGCTGATACGAGAA	AACTTACACAGCA	1199
Qy		1201	GAGGAGGTTCACAGAGAGTTCTCTTATGCTTTCTCTTA	CTATATATGACCGAGCTGTTGAC	1260
Dd		1200	GAGGAGGTTCACAGAGAGTTCTCTTATGCTTTCTCTTA	CTATATATGACCGAGCTGTTGAC	1259
Qy		1261	ACAGACATGATTTGATTAAGAAAGGGGGTATTTTAAAGTTGAAGATTTT	GAAGAAAGAA	1320
Dd		1260	ACAGACATGATTTGATTAAGAAAGGGGGTATTTTAAAGTTGAAGATTTT	GAAGAAAGAA	1319
Qy		1321	GCCAGGGAGTGTGTGATTAACCTGGAAACCTTCACTCAGGACAGTCTTTC	CTGTGCAATG	1380
Dd		1320	GCCAGGGAGTGTGTGATTAACCTGGAAACCTTCACTCAGGACAGTCTTTC	CTGTGCAATG	1379
Qy		1381	GATCTCAGCTACATACAGAGCCCTGTGTAAGAGATGGCTTGGCTTTGCA	AGACAGACAGTC	1440
Dd		1380	GATCTCAGCTACATACAGAGCCCTGTGTAAGAGATGGCTTGGCTTTGCA	AGACAGACAGTC	1439
Qy		1441	TTTACAGCTCAACAAAGAAATGAAACATACATAGACAGGCGCTGGGCTT	GGGGCCACCTTT	1500
Dd		1440	TTTACAGCTCAACAAAGAAATGAAACATACATAGACAGGCGCTGGGCTT	GGGGCCACCTTT	1499
Qy		1501	CACCTGTGGCAGTCTCTGGGCATCTCCCATTTAGCGCCACGTAATCTT	CTTGAGACCTGCA	1560
Dd		1500	CACCTGTGGCAGTCTCTGGGCATCTCCCATTTAGCGCCACGTAATCTT	CTTGAGACCTGCA	1559
Qy		1561	TTTCCCAACACCTTTTAAAGGGGAGAGAGACCTAGTTTCTGAACTAGTC	A-66GAC	1619
Dd		1560	TTTCCCAACACCTTTTAAAGGGGAGAGAGACCTAGTTTCTGAACTAGTC	A-66GAC	1619
Qy		1620	ATCCTGACCTTGAGCCCTAGAGATTTAGCT	1648	
Dd		1620	ATCCTGACCTTGAGCCCTAGAGATTTAGCT	1648	

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: FILE REFERENCE: 28111/35908
: CURRENT APPLICATION NUMBER: US/09/370,265
: CURRENT FILING DATE: 1999-08-09
: EARLIER APPLICATION NUMBER: PCT/US99/16180
: EARLIER FILING DATE: 1999-07-16
: EARLIER APPLICATION NUMBER: 09/350,836
: EARLIER FILING DATE: 1999-07-09
: EARLIER APPLICATION NUMBER: 09/273,447
: EARLIER FILING DATE: 1999-03-19
: EARLIER APPLICATION NUMBER: 09/244,444
: EARLIER FILING DATE: 1999-02-04
: EARLIER APPLICATION NUMBER: 09/122,449
: EARLIER FILING DATE: 1998-07-24
: EARLIER APPLICATION NUMBER: 09/118,205
: EARLIER FILING DATE: 1998-07-16
: NUMBER OF SEQ ID NOS: 37
: SOFTWARE: Patentl Ver. 2.0
: SEQ ID NO 2
: LENGTH: 1799
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (246)..(1529)
: FEATURE:
: NAME/KEY: misc.feature
: LOCATION: (1718)
: OTHER INFORMATION: n = adenine or guanine or cytosine or thymine
: us-09-370-265-2

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Query Match      78.8%; Score 1575; DB 4; Length 1799;
Best Local Similarity 98.2%; Pred. No. 0;
Matches 1620; Conservative 2; Mismatches 2; Indels 25; Gaps 2;

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QY 1 GCGCGCGCTTTCTCTGTCGTCGTCACAAAGAAATGTGAGTCTTGGCTGAATCC 60
DB 24 GCGCGCGCTTTCTCTGTCGTCGTCACAAAGAAATGTGAGTCTTGGCTGAATCC 83
QY 61 TCATACAGACAGATATTTAGTGTGCTGTAGTAGAGACTTGTATCCAGATGTAAGTTG 120
DB 84 TCATACAGACAGATATTTAGTGTGCTGTAGTAGAGACTTGTATCCAGATGTAAGTTG 119
QY 121 AAAAGATGATATATTAAGAACCAAGAGAAATTCAGAGAAAGAAATTTGCTC 180
DB 120 AAAAGATGATATATTAAGAACCAAGAGAAATTCAGAGAAAGAAATTTGCTC 179
QY 181 TCGAGTGTGCGAGCAGAGATGCTTCTGCAACAAAGCTCCACCCAGCAGATCTTGG 240
DB 180 TCGAGTGTGCGAGCAGAGATGCTTCTGCAACAAAGCTCCACCCAGCAGATCTTGG 239
QY 241 AAAAGATGATGCTTCTGCGAGCAGATCTTCTGCAACAAAGCTCCACCCAGCAGATCTTGG 300
DB 240 AAAAGATGATGCTTCTGCGAGCAGATCTTCTGCAACAAAGCTCCACCCAGCAGATCTTGG 299
QY 301 AGCGCTGTCTCCACAGGAACAGCAAGCTTGTGAGGTATCTTCTGCTTCCATG 360
DB 300 AGCGCTGTCTCCACAGGAACAGCAAGCTTGTGAGGTATCTTCTGCTTCCATG 359
QY 361 TCGCCCATCATATGTACAGCGCAGCAGCTTGTATGAATTTATGTTTGAAGGAGCAGT 420
DB 360 TCGCCCATCATATGTACAGCGCAGCAGCTTGTATGAATTTATGTTTGAAGGAGCAGT 419
QY 421 GGAAGCTGCAATGATGTTACCTTGTGACAGAAATGCGAGAGAGCTTCCAAATCTA 480
DB 420 GGAAGCTGCAATGATGTTACCTTGTGACAGAAATGCGAGAGAGCTTCCAAATCTA 479
QY 481 GAAGGGAAGATTTTGAATCTGTGAAGCCAGAGCTTCTGCTTGTAGATCAACTTAAG 540
DB 480 GAAGGGAAGATTTTGAATCTGTGAAGCCAGAGCTTCTGCTTGTAGATCAACTTAAG 539
QY 541 CAGGCTGTGAGACCGCTTCAAGGAGCTTGAAGGTGCGCAAGAGCTCAATCCCGGAGT 600
DB 540 CAGGCTGTGAGACCGCTTCAAGGAGCTTGAAGGTGCGCAAGAGCTCAATCCCGGAGT 599

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QY 601 CACTGAAAAAGACCCAGTGTCTTAAGGCAACAGAGACTTACGTTTCTGCGAGAA 660
DB 600 CACTGAAAAAGACCCAGTGTCTTAAGGCAACAGAGACTTACGTTTCTGCGAGAA 659
QY 661 CACAAGCCCAAGGCTGTCTTGTAGGTAAGAGAGATCTTCAAGAGTCACTTTCTCG 720
DB 660 CACAAGCCCAAGGCTGTCTTGTAGGTAAGAGAGATCTTCAAGAGTCACTTTCTCG 719
QY 721 GTACCAAGGAGCACTGTAGCATGTGATGATCCGACAGAGCATATTTAGCTTGGTT 780
DB 720 GTACCAAGGAGCACTGTAGCATGTGATGATCCGACAGAGCATATTTAGCTTGGTT 779
QY 781 ACTGTGAATTTTCTGACAGGCTGACCTGATGGCCACAGAGAGAGCTGTGGAGCTTG 840
DB 780 ACTGTGAATTTTCTGACAGGCTGACCTGATGGCCACAGAGAGAGCTGTGGAGCTTG 839
QY 841 GACCTAGGGGAGGCTCCACCAATCAGCTTCTGCCCCAGTTTGAGAAAACTCTGAA 900
DB 840 GACCTAGGGGAGGCTCCACCAATCAGCTTCTGCCCCAGTTTGAGAAAACTCTGAA 899
QY 901 CAAACTCTTAGGGCTACCTTCTCTTGTAGATGTTTAAACAGACTTATTAACCTGAT 960
DB 900 CAAACTCTTAGGGCTACCTTCTCTTGTAGATGTTTAAACAGACTTATTAACCTGAT 959
QY 961 ACACATGTTACTTGGGATTTGATGTAAGCTCAAGAGCTAGCAACCTGGAGCCCTG 1020
DB 960 ACACATGTTACTTGGGATTTGATGTAAGCTCAAGAGCTAGCAACCTGGAGCCCTG 1019
QY 1021 GAGACAGAAAGGAGTGTGAGCAGCTTCCGAGAGCTCTGTTTACCGAGATGTTGAA 1080
DB 1020 GAGACAGAAAGGAGTGTGAGCAGCTTCCGAGAGCTCTGTTTACCGAGATGTTGAA 1079
QY 1081 GCAGATGATCTTTGGGGGTTGTAATACCAATGATGTTGGCAACCAAGAGGAGGTG 1140
DB 1080 GCAGATGATCTTTGGGGGTTGTAATACCAATGATGTTGGCAACCAAGAGGAGGTG 1139
QY 1141 GCGTTTGAAGCCCTCTATGCGGAAGTCTGAGGTGTGACAGAGAAATCTCACAGCA 1200
DB 1140 GCGTTTGAAGCCCTCTATGCGGAAGTCTGAGGTGTGACAGAGAAATCTCACAGCA 1199
QY 1201 GAGAGGTCCAGAGAGGTTCTCTTATGCTTCTCTTACTATATGACCGAGCTGTGAC 1260
DB 1200 GAGAGGTCCAGAGAGGTTCTCTTATGCTTCTCTTACTATATGACCGAGCTGTGAC 1259
QY 1261 ACAGACATGATGATTTATGAAGAGGGGTTTAAAGTGAAGTATTTGAAGAAAA 1320
DB 1260 ACAGACATGATGATTTATGAAGAGGGGTTTAAAGTGAAGTATTTGAAGAAAA 1319
QY 1321 GCCAGGGAAGTGTGATTAACCTTGAAGAACTTCACTCAGGAGCTCTTCTGTCATG 1380
DB 1320 GCCAGGGAAGTGTGATTAACCTTGAAGAACTTCACTCAGGAGCTCTTCTGTCATG 1379
QY 1381 GATCTCAGCTATCATCAGAGCCCTGTAAAGAGTGGCTTGGCTTGGACAGCAGATC 1440
DB 1380 GATCTCAGCTATCATCAGAGCCCTGTAAAGAGTGGCTTGGCTTGGACAGCAGATC 1439
QY 1441 TTAAGCTCAGCAAGAAAGTAAACATATAGAGAGGGGCTTGGGCTTGGGAGCAGT 1500
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QY 1501 CACCTGTGAGCTGTGAGGAGCTCCCATTTGAGAGCAGTCTTCTTGGAGAGCTGCA 1560
DB 1500 CACCTGTGAGCTGTGAGGAGCTCCCATTTGAGAGCAGTCTTCTTGGAGAGCTGCA 1559
QY 1561 TTTGCAACAACCTTTTAAAGGAGAGAGAGCACTTATGTTTGAAGTACTGT -GGGAC 1619
DB 1560 TTTGCAACAACCTTTTAAAGGAGAGAGAGCACTTATGTTTGAAGTACTGT -GGGAC 1619
QY 1620 ATCTGAGCTTGAAGCTTGAAGT 1648
DB 1620 ATCTGAGCTTGAAGCTTGAAGT 1648

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RESULT 5
US-09-557-800C-2
: Sequence 2, Application US/09557800C
: Patent No. 6476211
: GENERAL INFORMATION:
: APPLICANT: Ford, John
: APPLICANT: Mulero, Jullio
: APPLICANT: Yeung, George
: TITLE OF INVENTION: Methods and Materials Relating to CD39-Like
: FILE REFERENCE: 28110/36457
: CURRENT APPLICATION NUMBER: US/09/557,800C
: PRIORITY FILING DATE: 2000-04-25
: PRIORITY FILING DATE: 2000-01-11
: PRIORITY FILING DATE: 1999-07-09
: PRIORITY FILING DATE: 1999-08-09
: PRIORITY FILING DATE: 1999-07-16
: PRIORITY FILING DATE: 1999-07-16
: PRIORITY FILING DATE: 1999-07-16
: PRIORITY FILING DATE: 1999-07-09
: PRIORITY FILING DATE: 1999-07-09
: PRIORITY FILING DATE: 1999-03-19
: PRIORITY FILING DATE: 1998-07-24
: PRIORITY FILING DATE: 1998-07-24
: PRIORITY FILING DATE: 1999-02-04
: PRIORITY FILING DATE: 1998-07-16
: NUMBER OF SEQ ID NOS: 56
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 2
: LENGTH: 1799
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (246)..(1529)
: FEATURE:
: NAME/KEY: misc.feature
: LOCATION: (1718)
: OTHER INFORMATION: n - adenine or guanine or cytosine or thymidine
US-09-557-800C-2

Query Match      78.8%; Score 1575; DB 4; Length 1799;
Best Local Similarity 98.2%; Pred. No. 0;
Matches 1620; Conservative 2; Mismatches 2; Indels 25; Gaps 2;

QY 1 GCGGCGCGCTTTCTCTGTTCTCTGTCACAAAGAAATGTGGTCTTGGCTGAATCC 60
DB 24 GCGGCGCGCTTTCTCTGTTCTCTGTCACAAAGAAATGTGGTCTTGGCTGAATCC 83
QY 61 TCATACAGACAGATCATTTATGTCGTCTGTAGTAGTACCTGTATCCAGATTAAGTTG 120
DB 84 TCATACAGACAGATCATTTATGTCGTCTGTAGTAGTACCTGTATCCAGATTAAGTTG 119
QY 121 AAAAAGTATATAATAAAGAAACCAAGAGAAAATTCAGAAAGAAAGAAAATTCAGTCC 180
DB 120 AAAAAGTATATAATAAAGAAACCAAGAGAAAATTCAGAAAGAAAGAAAATTCAGTCC 179
QY 181 TGCAGGTGTGCGAGCAGAGATTTCTTGCACAAAGAAAGCTCCACCCAGCCACATCTTGGG 240
DB 180 TGCAGGTGTGCGAGCAGAGATTTCTTGCACAAAGAAAGCTCCACCCAGCCACATCTTGGG 239
QY 241 AAAAGATGGGCACTTCTTGGGGGCAAGTCTTTTTCATGCGGTGATCTCTGTTTTC 300
DB 240 AAAAGATGGGCACTTCTTGGGGGCAAGTCTTTTTCATGCGGTGATCTCTGTTTTC 299
QY 301 AGCGCTGTCTCCACAGAAACACAGACTTGTGTTGAGGGTATCTCTGTTCCAG 360
DB 300 AGCGCTGTCTCCACAGAAACACAGACTTGTGTTGAGGGTATCTCTGTTCCAG 359

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QY 361 TGCCCATCAATGTCAGCGCCAGACCTTGTATGAAATTAATGTTGATGCAGGGACACT 420
DB 360 TGCCCATCAATGTCAGCGCCAGACCTTGTATGAAATTAATGTTGATGCAGGGACACT 419
QY 421 GGAATCGAATTCATGTTTACACCTTTGTGAGAAATATGCCAGGACACTTCCATTTCTA 480
DB 420 GGAATCGAATTCATGTTTACACCTTTGTGAGAAATATGCCAGGACACTTCCATTTCTA 479
QY 481 GAAGGGGAATTTTGAATTCGTGTAAGGACAGACCTTTGTGTTTGTATCAACCTTAAG 540
DB 480 GAAGGGGAATTTTGAATTCGTGTAAGGACAGACCTTTGTGTTTGTATCAACCTTAAG 539
QY 541 CAGGCTCTGAGACCTTCAAGGCGCTTTAGAGGTGGCCAAAGACTCAATCCCGAAGT 600
DB 540 CAGGCTCTGAGACCTTCAAGGCGCTTTAGAGGTGGCCAAAGACTCAATCCCGAAGT 599
QY 601 CACTGGAAAAAGACCCAGTGTCTTAAGGCAACAGAGACTACGTTTACTGCGAGAA 660
DB 600 CACTGGAAAAAGACCCAGTGTCTTAAGGCAACAGAGACTACGTTTACTGCGAGAA 659
QY 661 CACAAAGCCAAAGCTCTGCTCTTGTGAGTAAAGAGATCTTCAGGAAGTCAACCTTCCG 720
DB 660 CACAAAGCCAAAGCTCTGCTCTTGTGAGTAAAGAGATCTTCAGGAAGTCAACCTTCCG 719
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DB 720 GTACCAAAAGGCGAGTGTAGCATCATGATGATCCGAGAAAGCATATTAAGCTTGGGT 779
QY 781 ACTGTGAATTTTCTGACAGGTCTGATGATGCGACAGACAGAGACTGTGGGACCTTG 840
DB 780 ACTGTGAATTTTCTGACAGGTCTGATGATGCGACAGACAGAGACTGTGGGACCTTG 839
QY 841 GACCTAGGGGAGGCGCTCCACCCAAATCAAGTCTTCCGCCCCAGTTTGACAAAACCTTGAA 900
DB 840 GACCTAGGGGAGGCGCTCCACCCAAATCAAGTCTTCCGCCCCAGTTTGACAAAACCTTGAA 899
QY 901 CAAACTCTTAGGGGCTACTACTCTCTTGAAGATGTTTAAACAGACTTATTAAGCTTAT 960
DB 900 CAAACTCTTAGGGGCTACTACTCTCTTGAAGATGTTTAAACAGACTTATTAAGCTTAT 959
QY 961 ACACATATGTTACTTGGATTTGGATTTGAAAGCTCAGACACTACCAACCTTGGAGCCCTG 1020
DB 960 ACACATATGTTACTTGGATTTGGATTTGAAAGCTCAGACACTACCAACCTTGGAGCCCTG 1019
QY 1021 GAGACAGAAAGGAGTGTAGTGGGACACTTCCGAGTCCCTGTTTACGAGATGTTGGAA 1080
DB 1020 GAGACAGAAAGGAGTGTAGTGGGACACTTCCGAGTCCCTGTTTACGAGATGTTGGAA 1079
QY 1081 GCAGAGTGAATCTTTGGGGGTGTGAATTAACAGTATGTTGGCAACCAAGAGGGAGGTG 1140
DB 1080 GCAGAGTGAATCTTTGGGGGTGTGAATTAACAGTATGTTGGCAACCAAGAGGGAGGTG 1139
QY 1141 GCGTTTGAAGCCGCTATGCGGAAGTCTAGGGTGTAGAGGAAACCTTCCACAGCA 1200
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QY 1201 GAGGAGTCCAGAGAGGTTCTTCTATGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 1260
DB 1200 GAGGAGTCCAGAGAGGTTCTTCTATGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 1259
QY 1261 ACAGACATGATTAATTAAGAAAGGGGGTATTTTAAAGTTGAAGATTTTGAAGAAA 1320
DB 1260 ACAGACATGATTAATTAAGAAAGGGGGTATTTTAAAGTTGAAGATTTTGAAGAAA 1319
QY 1321 GCCAGGAGTGTGTATTAATCTTGAAGAACTTCAACCTCAGGCAAGTCTTCCCTGATG 1380
DB 1320 GCCAGGAGTGTGTATTAATCTTGAAGAACTTCAACCTCAGGCAAGTCTTCCCTGATG 1379
QY 1381 GATCTCAGCTACATCAGAGCCCTGTTTAAAGATGAGCTTGTGCTTTCAGACAGCAGTC 1440
DB 1380 GATCTCAGCTACATCAGAGCCCTGTTTAAAGATGAGCTTGTGCTTTCAGACAGCAGTC 1439
QY 1441 TTACAGCTCAAAAGAAAGTGAACATAGAGAGCGGGCTTGGGCTTGGGGGCCACCTTT 1500

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Accession	Sequence	Position
Dd	TTACAGCTCACAAAGAAAGTGAACAACATPAAGACGGGCTGGCCCTTGGGGCCACCTTT	1499
Oy	CACCTGTGCAGTCTCTGGGCATCTCCCATTTAGAGCCACGTACTTCTTGGAGACGTCA	1500
Dd	CACCTGTGCAGTCTCTGGGCATCTCCCATTTAGAGCCACGTACTTCTTGGAGACGTCA	1559
Oy	TTTGTCCCAACACCTTTTAAAGGGAGAGAGAGACACTTAACTTGTGAACTAGTCT-GGGAC	1619
Dd	TTTGTCCCAACACCTTTTAAAGGGAGAGAGAGACACTTAACTTGTGAACTAGTCTGGGGAC	1619
Oy	ATTCCTGACCTTGAGCCCTPAGAGATTAGCT	1648
Dd	ATCCTGACCTTGAGCCCTPAGAGATTAAAGCTT	1648

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, RESULT 6
, Sequence 24, Application US/09608285A
, Patent No. 6335013
, GENERAL INFORMATION:
, APPLICANT: Ford, John
, APPLICANT: Mulero, Julio
, APPLICANT: Yeung, George
, TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO CD39-LIKE
, TITLE OF INVENTION: POLYPEPTIDES
, FILE REFERENCE: 2810/36570
, CURRENT APPLICATION NUMBER: US/09/608,285A
, CURRENT FILING DATE: 2000-06-30
, PRIOR APPLICATION NUMBER: 09/583,231
, PRIOR FILING DATE: 2000-05-26
, PRIOR APPLICATION NUMBER: 09/557,800
, PRIOR FILING DATE: 2000-04-25
, PRIOR APPLICATION NUMBER: 09/481,238
, PRIOR FILING DATE: 2000-01-11
, PRIOR APPLICATION NUMBER: 09/370,265
, PRIOR FILING DATE: 1999-08-09
, PRIOR APPLICATION NUMBER: PCT/US99/16180
, PRIOR FILING DATE: 1999-07-16
, PRIOR APPLICATION NUMBER: 09/350,836
, PRIOR FILING DATE: 1999-07-09
, PRIOR APPLICATION NUMBER: 09/273,447
, PRIOR FILING DATE: 1999-03-19
, PRIOR APPLICATION NUMBER: 09/244,444
, PRIOR FILING DATE: 1999-02-04
, PRIOR APPLICATION NUMBER: 09/122,449
, PRIOR FILING DATE: 1998-07-24
, PRIOR APPLICATION NUMBER: 09/118,205
, PRIOR FILING DATE: 1998-07-16
, NUMBER OF SEQ ID NOS: 60
, SOFTWARE: Patentl Ver. 2.0
, SEQ ID NO 24
, LENGTH: 1601
, TYPE: DNA
, ORGANISM: Homo sapiens
, US-09-608-285A-24

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Query Match	69.48;	Score 1386.4;	DB 4;	Length 1601;
Best Local Similarity	98.38;	Pred. No. 0;		
Matches 1421;	Conservative	0;	Mismatches 1;	Indels 24;
				Gaps 1;

QY	1	GGCGGCGCGTTTCCCTGTCTCTGATCAACAAAGAAATGTGGAGTGTCTTGGCTGAATCC	60
Db	24	GCGGCGCGGTTCCTTCTGTCTCTGGTCAACAAAGAAATGTGGAGTGTCTTGGCTGAATCC	83
QY	61	TCATTCACAGACAAGATCATTATGTGTCTTTAGGTAGGACTTGTATCCAGATGTAAAGTTG	120
Db	84	TCATTCACAGACAAGATCATTATGTGTCTTT-----AGGTTG	119
QY	121	AAAAAGTATATTAATAAAGCAACCAAGAGAAAAATTCAGAAAGAAAGAAAAATTTGGCTC	180
Db	120	AAAAAGTATATTAATAAAGCAACCAAGAGAAAAATTCAGAAAGAAAGAAAAATTTGGCTC	179

QY	181	GGCAGGTGTGGGACAGGATGTCCTTCGCAACAAAGCCTCCACCACGCAACATCTTGGG	240
Db	180	TGCGAGGTGTGGACACAGGATTTGCTTCGCAACAAAGCCTCCACCACGCAACATCTTGGG	239
QY	241	AAAAGAAATGSGCACATTCTTGGGGACAGATCTTTTTCATAGCTGTGTGATCCCTGTGTTGC	300
Db	240	AAAAGAAATGSGCACTTCTTGGGGACAGATCTTTTTCATAGCTGTGTGATCCCTGTGTTGC	299
QY	301	AGGCGTGTCTCCACACAGGAAACACAGACTTGGTTTGAAGGATCTTCTGTCTTCATG	360
Db	300	AGCGTGTCTCCACACAGGAAACACAGACTTGGTTTGAAGGATCTTCTGTCTTCATG	359
QY	361	TGCCCCATCATATGTCAGGGCCAGCAGCACTTGTATGGAATTAATGTTTGAATGCAGGAGCACT	420
Db	360	TGCCCCATCATATGTCAGGGCCAGCAGCACTTGTATGGAATTAATGTTTGAATGCAGGAGCACT	419
QY	421	GGAACTGCAATTAATGTTTACCTTTGTGAGAAATAATGCCAGAGACAGCTTCCAAATCTA	480
Db	420	GGAACTGCAATTAATGTTTACCTTTGTGAGAAATAATGCCAGAGACAGCTTCCAAATCTA	479
QY	481	GAAGGGGAAATTTTGAATTTGTGAAGCCAGGACTTCTGCTTTTGTAGATCAACTAAG	540
Db	480	GAAGGGGAAATTTTGAATTTGTGAAGCCAGGACTTCTGCTTTTGTAGATCAACTAAG	539
QY	541	CAGGTTGCTGAGACCGCTTCAAGGGCTCTTAAAGTGGGCAAAAGACTCAATCCCCGGAAGT	600
Db	540	CAGGTTGCTGAGACCGCTTCAAGGGCTCTTAAAGTGGGCAAAAGACTCAATCCCCGGAAGT	599
QY	601	CAGTGGAAAAAGACCCCGATGGTCTTAAAGGCAACAGAGAGACTAAGCTTACTGCAGAA	660
Db	600	CAGTGGAAAAAGACCCCGATGGTCTTAAAGGCAACAGAGAGACTAAGCTTACTGCAGAA	659
QY	661	CACAAAGCCAAAGGCTCTGCTCTTTGAGGTAAAGAGATCTTCAGGAAATCACCTTTCCTG	720
Db	660	CACAAAGCCAAAGGCTCTGCTCTTTGAGGTAAAGAGATCTTCAGGAAATCACCTTTCCTG	719
QY	721	GTACCAAAAGGGCAGTGTAGCATCATGATGGATCCGCAAGAGCATTAATGCTTGGGTT	780
Db	720	GTACCAAAAGGGCAGTGTAGCATCATGATGGATCCGCAAGAGCATTAATGCTTGGGTT	779
QY	781	ACTGTGAATTTTCTGACAGGTACAGTGTGATGGCCACACAGAGAGACTGTGGGACCTTG	840
Db	780	ACTGTGAATTTTCTGACAGGTACAGTGTGATGGCCACACAGAGAGACTGTGGGACCTTG	839
QY	841	GACCTAGGGGGAGCCTCCACCACCAATACAGTTCCTGCTGCCACAGTTTGAAGAAACTCTGGAA	900
Db	840	GACCTAGGGGGAGCCTCCACCACCAATACAGTTCCTGCTGCCACAGTTTGAAGAAACTCTGGAA	899
QY	901	CAAACTCTAGGGGCTACCTACCTTCCTTGAAGATGTTTAAACAGCACTTAATAGCTCTAT	960
Db	900	CAAACTCTAGGGGCTACCTACCTTCCTTGAAGATGTTTAAACAGCACTTAATAGCTCTAT	959
QY	961	ACACATTAATTACTTGGGATTTTGGATGTAACCTGCACATGACAGCAACCTCTGGAGCCCTG	1020
Db	960	ACACATTAATTACTTGGGATTTTGGATGTAACCTGCACATGACAGCAACCTCTGGAGCCCTG	1019
QY	1021	GAGACAGAAAGGAGACTGATGGGACACACTTCCGAGATGCTCTTTAACAGATGTTGGAA	1080
Db	1020	GAGACAGAAAGGAGACTGATGGGACACACTTCCGAGATGCTCTTTAACAGATGTTGGAA	1079
QY	1081	GCAGAGTGGATCTTTGGGGGTGTGAAATACAGATAGTGTGGCAACCAAGAAAGGGAGGTG	1140
Db	1080	GCAGAGTGGATCTTTGGGGGTGTGAAATACAGATAGTGTGGCAACCAAGAAAGGGAGGTG	1139
QY	1141	GGCTTTGAGCCCTGCTATGCCGAAGTGTGAGGGTGTGACGAGGAAAACTTCACCAGGCA	1200
Db	1140	GGCTTTGAGCCCTGCTATGCCGAAGTGTGAGGGTGTGACGAGGAAAACTTCACCAGGCA	1199
QY	1201	GAGGAGGTCCAGAGAGGTTTCCCTTCATCTTCTCTTCTATTAAGACCGAGCTGTGAC	1260
Db	1200	GAGGAGGTCCAGAGAGGTTTCCCTTCATCTTCTCTTCTATTAAGACCGAGCTGTGAC	1259
QY	1261	ACAGCATGATGATTGATAAAGGGGGTATTTTAAAGTTGAAGATTGTGAAGAAAA	1320

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Db      1260 ACACAGCATGATTGATTAAGAAAGGGGGTATTTTAAAGTTGAAGATTTTGAAGAAAA 1319
OY      1321 GCCAGGGAGTGTGGATTAAGTAAAGTAACTTCACTCAGCAGTCTTCTGTGCATG 1380
Db      1320 GCCAGGGAGTGTGGATTAAGTAAAGTAACTTCACTCAGCAGTCTTCTGTGCATG 1379
OY      1381 GATCTCAGCTACATCAGAGCCCTGTTAAAGATGGCTTGGCTTGCACAGCAGCAGTC 1440
Db      1380 GATCTCAGCTACATCAGAGCCCTGTTAAAGATGGCTTGGCTTGCACAGCAGCAGTC 1439
OY      1441 TTACAG 1446
Db      1440 TTACAG 1445

RESULT 7
US-09-370-265-24
; Sequence 24, Application US/09370265
; Patent No. 6447771
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Mulero, Julio
; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE
; FILE REFERENCE: 2811/35908
; CURRENT APPLICATION NUMBER: US/09/370,265
; EARLIER FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: PCT/US99/16180
; EARLIER FILING DATE: 1999-07-16
; EARLIER APPLICATION NUMBER: 09/350,836
; EARLIER FILING DATE: 1999-07-09
; EARLIER APPLICATION NUMBER: 09/273,447
; EARLIER FILING DATE: 1999-03-19
; EARLIER APPLICATION NUMBER: 09/244,444
; EARLIER FILING DATE: 1999-02-04
; EARLIER APPLICATION NUMBER: 09/122,449
; EARLIER FILING DATE: 1998-07-24
; EARLIER APPLICATION NUMBER: 09/118,205
; EARLIER FILING DATE: 1998-07-16
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 1601
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-370-265-24

Query Match      69.4%: Score 1386.4; DB 4; Length 1601;
Best Local Similarity 98.3%; Pred. No. 0;
Matches 1421; Conservative 0; Mismatches 1; Indels 24; Gaps 1;

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Db      300 AGGCGTCTCCCAAGAGAACACAGACACTTGTTGAGGATCTTCTGCTTCATG 359
OY      361 TGCCCCATCAATGTACAGCCAGCAGCCTTGTATGAAATATGTTGATGACAGGAGCACT 420
Db      360 TGCCCCATCAATGTACAGCCAGCAGCCTTGTATGAAATATGTTGATGACAGGAGCACT 419
OY      421 GGAAGTGAATTCATGTTTACACCTTGTGAGAAATGCGAGACACTTCCATTTCTA 480
Db      420 GGAAGTGAATTCATGTTTACACCTTGTGAGAAATGCGAGACACTTCCATTTCTA 479
OY      481 GAAAGGAGATTTTGTGATCTGTGAAAGCCAGACCTTCTGCTTGTGATCAACCTTAAG 540
Db      480 GAAAGGAGATTTTGTGATCTGTGAAAGCCAGACCTTCTGCTTGTGATCAACCTTAAG 539
OY      541 CAGGTCCTAGACCCGTTCAAGGCGCTTGTAGAGTGGCCAAAGACTCAATCCCGAAGT 600
Db      540 CAGGTCCTAGACCCGTTCAAGGCGCTTGTAGAGTGGCCAAAGACTCAATCCCGAAGT 599
OY      601 CACTGGAAGAAAGACCCAGTGTCTTAAGGCAACAGAGACTAAGCTTACTGCGAGAA 660
Db      600 CACTGGAAGAAAGACCCAGTGTCTTAAAGGCAACAGAGACTAAGCTTACTGCGAGAA 659
OY      661 CACAAAGCCAAAGCTCTGCTCTTGTGAGTAAAGAGATCTTCAAGAACTCACTTCTCTG 720
Db      660 CACAAAGCCAAAGCTCTGCTCTTGTGAGTAAAGAGATCTTCAAGAACTCACTTCTCTG 719
OY      721 GTACCAAGGGAGCTGTAGCATCATGATGATGATCCGAGAGGATATTAAGTTGGTT 780
Db      720 GTACCAAGGGAGCTGTAGCATCATGATGATGATCCGAGAGGATATTAAGTTGGTT 779
OY      781 ACTGTGAATTTTGTGACAGCTGATGATGATGATGATGATGATGATGATGATGATGATG 840
Db      780 ACTGTGAATTTTGTGACAGCTGATGATGATGATGATGATGATGATGATGATGATGATG 839
OY      841 GACCTTGGGGGAGCTTCCACCAATACAGTCTTCTGCCCCAGTTTGAAGAAACTGTGAA 900
Db      840 GACCTTGGGGGAGCTTCCACCAATACAGTCTTCTGCCCCAGTTTGAAGAAACTGTGAA 899
OY      901 CAAACTCTTGGGGGAGCTTCCACCAATACAGTCTTCTGCCCCAGTTTGAAGAAACTGTG 960
Db      900 CAAACTCTTGGGGGAGCTTCCACCAATACAGTCTTCTGCCCCAGTTTGAAGAAACTGTG 959
OY      961 ACACATAGTTACTTGGGATTTGATGAAAGCTGCAAGACTAGCAACCTTGGAGCCCTG 1020
Db      960 ACACATAGTTACTTGGGATTTGATGAAAGCTGCAAGACTAGCAACCTTGGAGCCCTG 1019
OY      1021 GAGACAGAGGAGCTGATGGGACACTTTCGCCGAGTCCCTGTTACCGAATGGTTGAA 1080
Db      1020 GAGACAGAGGAGCTGATGGGACACTTTCGCCGAGTCCCTGTTACCGAATGGTTGAA 1079
OY      1081 GCAGATGATCTTGGGGGTGTGAAATATACAGATATGATGATGATGATGATGATGATG 1140
Db      1080 GCAGATGATCTTGGGGGTGTGAAATATACAGATATGATGATGATGATGATGATGATG 1139
OY      1141 GCGTTTGACCCCTGTATGCGGAGTGTGAGGAGTGTACGAGGAAACTTCCACAGCCA 1200
Db      1140 GCGTTTGACCCCTGTATGCGGAGTGTGAGGAGTGTACGAGGAAACTTCCACAGCCA 1199
OY      1201 GAGGAGTCCAGAGAGCTTCTCTATAGCTTCTTCTTACTATATGACCGAGCTGTGAC 1260
Db      1200 GAGGAGTCCAGAGAGCTTCTCTATAGCTTCTTCTTACTATATGACCGAGCTGTGAC 1259
OY      1261 ACAGACATATGATTAATGAAAGGGGGGATTTTAAAGTTGAAGATTTTGAAGAAAA 1320
Db      1260 ACAGACATATGATTAATGAAAGGGGGGATTTTAAAGTTGAAGATTTTGAAGAAAA 1319
OY      1321 GCCAGGAGTGTGATTAAGTAAAGTAACTTCACTCAGCAGTCTTCTGTGCATG 1380
Db      1320 GCCAGGAGTGTGATTAAGTAAAGTAACTTCACTCAGCAGTCTTCTGTGCATG 1379
OY      1381 GATCTCAGCTACATCAGAGCCCTGTTAAAGATGGCTTGGCTTGCACAGCAGCAGTC 1440

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Db 1380 GATCTACGCTACATCAAGCCCTGTTAAAGATGGCTTGGCTTTCAGACAGACAGTC 1439  
 Oy 1441 TTACAG 1446  
 1440 TTACAG 1445

RESULT 8  
 US-09-557-800C-24

; Sequence 24, Application US/09557800C  
 ; Patent No. 6476211  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ford, John  
 ; APPLICANT: Mulero, Julio  
 ; APPLICANT: Yeung, George  
 ; TITLE OF INVENTION: Polypeptides  
 ; FILE REFERENCE: 28110/36457  
 ; CURRENT APPLICATION NUMBER: US/09/557, 800C  
 ; PRIOR FILING DATE: 2000-04-25  
 ; PRIOR APPLICATION NUMBER: 09/481,238  
 ; PRIOR FILING DATE: 2000-01-11  
 ; PRIOR APPLICATION NUMBER: 09/370,265  
 ; PRIOR FILING DATE: 1999-08-09  
 ; PRIOR APPLICATION NUMBER: PCT/US99/16180  
 ; PRIOR FILING DATE: 1999-07-16  
 ; PRIOR APPLICATION NUMBER: 09/350836  
 ; PRIOR FILING DATE: 1999-07-09  
 ; PRIOR APPLICATION NUMBER: 09/273447  
 ; PRIOR FILING DATE: 1999-03-19  
 ; PRIOR APPLICATION NUMBER: 09/122449  
 ; PRIOR FILING DATE: 1998-07-24  
 ; PRIOR APPLICATION NUMBER: 09/244444  
 ; PRIOR FILING DATE: 1999-02-04  
 ; PRIOR APPLICATION NUMBER: 09/118,205  
 ; PRIOR FILING DATE: 1998-07-16  
 ; NUMBER OF SEQ ID NOS: 56  
 ; SOFTWARE: Patentin Ver. 2.0  
 ; SEQ ID NO 24  
 ; LENGTH: 1601  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-557-800C-24

Query Match 69.4%; Score 1386.4; DB 4; Length 1601;  
 Best Local Similarity 98.3%; Pred. No. 0;  
 Matches 1421; Conservative 0; Mismatches 1; Indels 24; Gaps 1;

Oy 1 GCGCGCGGTTTCTCTGTTCTGTCGTCACAAAGAAATGTGAGTGTCTTGCTGAATCC 60  
 Db 24 GCGCGCGGTTTCTCTGTTCTGTCGTCACAAAGAAATGTGAGTGTCTTGCTGAATCC 83  
 Oy 61 TCATACAGACAGATCATTTATGTTAGTGTGAGTGTCTTGCTGAATGTGAAGTGTG 120  
 Db 84 TCATACAGACAGATCATTTATGTTAGTGTGAGTGTCTTGCTGAATGTGAAGTGTG 119  
 Oy 121 AAAAAGTATATATTAAGAAACCAAGAGAAATTCAGAGAAAGAAATTTGCTC 180  
 Db 120 AAAAAGTATATTAAGAAACCAAGAGAAATTCAGAGAAAGAAATTTGCTC 179  
 Oy 181 TGCAGGTGTGCGAGAGATTTCTTCTGCAACAAAGCCCTCACCGCCACATCTTGGG 240  
 Db 180 TGCAGGTGTGCGAGAGATTTCTTCTGCAACAAAGCCCTCACCGCCACATCTTGGG 239  
 Oy 241 AAAAGATGGCCACTTCTTGGGCAAGTCTTTTCATGCTGTGTATCTGTGTGTC 300  
 Db 240 AAAAGATGGCCACTTCTTGGGCAAGTCTTTTCATGCTGTGTATCTGTGTGTC 299  
 Oy 301 AGCGGTGTCTCCACAGAGAACCCAGAGACTTGTGTGAGGTATCTTCTGTCTTCATG 360  
 Db 300 AGCGGTGTCTCCACAGAGAACCCAGAGACTTGTGTGAGGTATCTTCTGTCTTCATG 359  
 Oy 361 TGCCCATCATATGTACAGGCCACGACCTTTGTATGTAATTTATGTTGATGACAGGAGCACT 420

Db 360 TGCCCATCATATGTACAGGCCACGACCTTTGTATGTAATTTATGTTGATGACAGGAGCACT 419  
 Oy 421 GGACTCTGAATTCATGTTTACACCTTTGTGACAGAAATGCCAGACAGCTTCCAAATTTCTA 480  
 Db 420 GGAACTCTGAATTCATGTTTACACCTTTGTGACAGAAATGCCAGACAGCTTCCAAATTTCTA 479  
 Oy 481 GAAGGGGAAGTTTGTATCTGTGAAGCCAGAGCTTTGCTTTGTAGATCAACCTTAAG 540  
 Db 480 GAAGGGGAAGTTTGTATCTGTGAAGCCAGAGCTTTGCTTTGTAGATCAACCTTAAG 539  
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 Db 540 CAGGCTGTGAGACCTTCAAGGCTCTTGAAGGTGCGCAAGAGCTCAATCCCGAAGT 599  
 Oy 601 CACTGAAAAAAGCCCAAGTGTCTTAAGGCAACAGCAGAGCTACGCTTACTGCCAGAA 660  
 Db 600 CACTGAAAAAAGCCCAAGTGTCTTAAGGCAACAGCAGAGCTACGCTTACTGCCAGAA 659  
 Oy 661 CACAAGCCCAAGGCTGTGCTTGTGAAGGTAAAGAGATCTTCAAGAGTCACTTCTCTG 720  
 Db 660 CACAAGCCCAAGGCTGTGCTTGTGAAGGTAAAGAGATCTTCAAGAGTCACTTCTCTG 719  
 Oy 721 GTACCAAAAGGCGAGTGTAGCATATGATGATCCGACAGAGCATATTAGCTTGGTT 780  
 Db 720 GTACCAAAAGGCGAGTGTAGCATATGATGATCCGACAGAGCATATTAGCTTGGTT 779  
 Oy 781 ACTGTGAATTTTGTACAGAGTGTGATGATGCGACAGACAGAGCTGTGGAGCTTG 840  
 Db 780 ACTGTGAATTTTGTACAGAGTGTGATGATGCGACAGACAGAGCTGTGGAGCTTG 839  
 Oy 841 GACCTAAGGGGAGCCCTCCACCCAAATCAGTCTCTGCCAGTTTGAAGAAATCTCGAA 900  
 Db 840 GACCTAAGGGGAGCCCTCCACCCAAATCAGTCTCTGCCAGTTTGAAGAAATCTCGAA 899  
 Oy 901 CAAACTCTAAGGGGCTTACCTCACTTCTTGAAGTGTAAACAGCACTTAAAGCTCTAT 960  
 Db 900 CAAACTCTAAGGGGCTTACCTCACTTCTTGAAGTGTAAACAGCACTTAAAGCTCTAT 959  
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 Db 960 ACACATAGTTACTGTGGATTTGGATTGAAGCTGCAAGACTACCAACCTTGGAGCCCTG 1019  
 Oy 1021 GAGACAGAAAGGAGCTATGAGGCGACACTTTCGAGAGGCTGTACCGAGATGTTGGAA 1080  
 Db 1020 GAGACAGAAAGGAGCTATGAGGCGACACTTTCGAGAGGCTGTACCGAGATGTTGGAA 1079  
 Oy 1081 GCAGAGTGTATCTTGGGGGTGTGAATACCACTATGTGTGCAACCAAGAAAGGGAGGTG 1140  
 Db 1080 GCAGAGTGTATCTTGGGGGTGTGAATACCACTATGTGTGCAACCAAGAAAGGGAGGTG 1139  
 Oy 1141 GCGTTTGAAGCCCTGATGCGGAGAGTGTGAGGCTGTACGAGAAATCTTCAACGACCA 1200  
 Db 1140 GCGTTTGAAGCCCTGATGCGGAGAGTGTGAGGCTGTACGAGAAATCTTCAACGACCA 1199  
 Oy 1201 GAGGAGTGTGAGAGAGTCTCTTCTATGCTTCTTACTATATGACGAGCTGTGAC 1260  
 Db 1200 GAGGAGTGTGAGAGAGTCTCTTCTATGCTTCTTACTATATGACGAGCTGTGAC 1259  
 Oy 1261 ACAGACATGATGATTAAGAAAGGGGGTATTTAAAGTTGAAGATTTTGAAGAAAA 1320  
 Db 1260 ACAGACATGATGATTAAGAAAGGGGGTATTTAAAGTTGAAGATTTTGAAGAAAA 1319  
 Oy 1321 GCCAGGAGTGTGATTAAGCTTGAAGAACTTCACTCAGGCGAGTCTTCTCTGTCATG 1380  
 Db 1320 GCCAGGAGTGTGATTAAGCTTGAAGAACTTCACTCAGGCGAGTCTTCTCTGTCATG 1379  
 Oy 1381 GATCTAGCTATCATCAGACCCCTGTTAAAGAGATGCTTGTGCTTCCAGACAGCAGTGC 1440  
 Db 1380 GATCTAGCTATCATCAGACCCCTGTTAAAGAGATGCTTGTGCTTCCAGACAGCAGTGC 1439  
 Oy 1441 TTACAG 1446  
 1440 TTACAG 1445



Oy	247	ATGGCACTTCTTGGGGAGCAGTCTTTTTCATGCTGGTGGATTCCTGTTTTCAGAGCGT	306
Db	1	ATGGCACTTCTTGGGGAGCAGTCTTTTTCATGCTGGTGGATTCCTGTTTTCAGAGCGT	60
Oy	307	GTCGCCACAGSAAACACAGACTTGGTTTAGGGATATCTTCTGTCTTCATGTGCCCC	366
Db	61	GTCGCCACAGSAAACACAGACTTGGTTTAGGGATATCTTCTGTCTTCATGTGCCCC	120
Oy	367	ATCATATGTACAGCGCCAGCACCTTGTATGGAATATATGTTGATGACAGSAGCACTGGAACT	426
Db	121	ATCATATGTACAGCGCCAGCACCTTGTATGGAATATATGTTGATGACAGSAGCACTGGAACT	180
Oy	427	CGAATTCATGTTTACACCTTTGTGGAGAAATGCCAGGACACTTCCATTCTTAGAAGG	486
Db	181	CGAATTCATGTTTACACCTTTGTGGAGAAATGCCAGGACACTTCCATTCTTAGAAGG	240
Oy	487	GAAGTTTTGATTCGTGTAAGCCAGACTTTCGTCTTTGTATGATCAACCTAAGCAGGT	546
Db	241	GAAGTTTTGATTCGTGTAAGCCAGACTTTCGTCTTTGTATGATCAACCTAAGCAGGT	300
Oy	547	GCTGAGACCGTTTCAAGGGCTCTTAAAGTGGCCAAAGATCAATCCCGGAGTCACTGG	606
Db	301	GCTGAGACCGTTTCAAGGGCTCTTAAAGTGGCCAAAGATCAATCCCGGAGTCACTGG	360
Oy	607	AAAAAGACCCAGTGGTCTTAAAGGCACACAGCAGGACTTACGCTTACTGCCAGAACACAA	666
Db	361	AAAAAGACCCAGTGGTCTTAAAGGCACACAGCAGGACTTACGCTTACTGCCAGAACACAA	420
Oy	667	GCCAGAGGCTGCTCTTTGAGGTAAAGGAGATCTTCAGSAAATCACCCTTCCGTTGGTACGA	726
Db	421	GCCAGAGGCTGCTCTTTGAGGTAAAGGAGATCTTCAGSAAATCACCCTTCCGTTGGTACGA	480
Oy	727	AAGGCGAGTGTAGCATCATGGATGATCGACGAAGGCATATTAGCTTGGGTTACTGTG	786
Db	481	AAGGCGAGTGTAGCATCATGGATGATCGACGAAGGCATATTAGCTTGGGTTACTGTG	540
Oy	787	AATTTTTCAGACGTCAGTCATGGCCACACAGAGACATGTGGGAGACTTGGACACTA	846
Db	541	AATTTTTCAGACGTCAGTCATGGCCACACAGAGACATGTGGGAGACTTGGACACTA	600
Oy	847	GGGGAGGCTCCACCCAAATCACGTTCTGCCCCAGTTTGAGAAAATCTTGGAAACAACT	906
Db	601	GGGGAGGCTCCACCCAAATCACGTTCTGCCCCAGTTTGAGAAAATCTTGGAAACAACT	660

OY	907	CCCTAGGGGCTACCTCAGTTCCTTTGAGATGTTTAAACAGCACTTATTAAGCTCTATACACAT	966
Db	661	CCCTAGGGGCTACCTCAGTTCCTTTGAGATGTTTAAACAGCACTTATTAAGCTCTATACACAT	720
OY	967	AGTTACTTGGGATTTGGATTGAANGCTGCAGACTAGCACACCTCGGGAGCCCTGAGACA	1026
Db	721	AGTTACTTGGGATTTGGATTGAANGCTGCAGACTAGCACACCTCGGGAGCCCTGAGACA	780
OY	1027	GAAGGAGCTAGTGGGACACTTTCGGAGTGCCTGTTTACCAGATGTTTGAAGCAGAG	1086
Db	781	GAAGGAGCTAGTGGGACACTTTCGGAGTGCCTGTTTACCAGATGTTTGAAGCAGAG	840
OY	1087	TGGAATCTTTGGGGGTGTGAAATPACAGTATGTTGGCAACCAAGAGGGAGGTGGCTTT	1146
Db	841	TGGAATCTTTGGGGGTGTGAAATPACAGTATGTTGGCAACCAAGAGGGAGGTGGCTTT	900
OY	1147	GAGCCCTGCTATGCCGAAGTCTGAGGTTGTTAGAGAGAAAATCTTACACCCAGAGAG	1206
Db	901	GAGCCCTGCTATGCCGAAGTCTGAGGTTGTTAGAGAGAAAATCTTACACCCAGAGAG	960
OY	1207	GTCCAGAGAGTTCCTTATGCTTTCCTTACTATTATGACCGAGCTGTTGACACAGAC	1266
Db	961	GTCCAGAGAGTTCCTTATGCTTTCCTTACTATTATGACCGAGCTGTTGACACAGAC	1020
OY	1267	ATGATTTGATTTGAAAAGGGGGGATTTTAAAGTTGAAGATTTTGAAGAAAAGCCAGG	1328
Db	1021	ATGATTTGATTTGAAAAGGGGGGATTTTAAAGTTGAAGATTTTGAAGAAAAGCCAGG	1080
OY	1327	GAACTGTGTGTAACCTTGAGAAAACCTCACGCGAGGACCTCTTCGTTGATGGATGTC	1386
Db	1081	GAACTGTGTGTAACCTTGAGAAAACCTCACGCGAGGACCTCTTCGTTGATGGATGTC	1140
OY	1387	AGCTACATCACAGCCCTGTGTAAGAGATGCTTTGGCTTTGCGAGCAGCAGCTTACAG	1448
Db	1141	AGCTACATCACAGCCCTGTGTAAGAGATGCTTTGGCTTTGCGAGCAGCAGCTTACAG	1200
OY	1447	CTCACAAAGAAATGTAACAATAGAGACGGGCTTGGGCGCCACCTTTCACCTG	1506
Db	1201	CTCACAAAGAAATGTAACAATAGAGACGGGCTTGGGCGCCACCTTTCACCTG	1260
OY	1507	TTGCAGTCTGTGGCATCTCCCATTTGA	1533
Db	1261	TTGCAGTCTGTGGCATCTCCCATTTGA	1287
RESULT 11			
US-09-370-265-4			
: Sequence 4, Application US/09370265			
: Patent No. 6447771			
: GENERAL INFORMATION:			
: APPLICANT: Ford, John			
: TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE			
: FILE REFERENCE: 2811/135908			
: CURRENT APPLICATION NUMBER: US/09/370,265			
: CURRENT FILING DATE: 1999-08-09			
: EARLIER APPLICATION NUMBER: PCT/US99/16180			
: EARLIER FILING DATE: 1999-07-16			
: EARLIER APPLICATION NUMBER: 09/350,836			
: EARLIER FILING DATE: 1999-07-09			
: EARLIER APPLICATION NUMBER: 09/273,447			
: EARLIER FILING DATE: 1999-03-19			
: EARLIER APPLICATION NUMBER: 09/244,444			
: EARLIER FILING DATE: 1999-02-04			
: EARLIER APPLICATION NUMBER: 09/122,449			
: EARLIER FILING DATE: 1998-07-24			
: EARLIER APPLICATION NUMBER: 09/118,205			
: EARLIER FILING DATE: 1998-07-16			
: NUMBER OF SEQ ID NOS: 37			
: SOFTWARE: PatentIn Ver. 2.0			
: SEQ ID NO 4			
: LENGTH: 1287			

TYPE: DNA  
 ORGANISM: Homo sapiens  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: (1)..(1284)  
 US-09-570-265-4

Query Match 64.3% Score 1285.4; DB 4; Length 1287;  
 Best Local Similarity 99.9%; Pred. No. 0;  
 Matches 1286; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 1 ATGGCCACTTCTGGGGGACAGTCTTTTTCATGCTGTGTGATCTCTGTGTTGACGCT 60
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QY 307 GTGTCCACAGAAACCGACAGACTTGTGTGAGGATATCTTCTGTCTTCCATGTGCCCC 366
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DB 61 GTGTCCACAGAAACCGACAGACTTGTGTGAGGATATCTTCTGTCTTCCATGTGCCCC 120
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QY 367 ATCAATGTCAAGCCGACACCTTGTATGAAATATATGTATGATGAGGAGCAGCTGGAAT 426
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DB 121 ATCAATGTCAAGCCGACACCTTGTATGAAATATATGTATGATGAGGAGCAGCTGGAAT 180
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QY 427 CGAATTCATTTTACACCTTTGTGCAAAAAATGCCAGACAGCTTCCAAATCTAGAAAGG 486
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QY 487 GAAGTTTATTTCTGTGAAGCCGACGCTTCTGCTTTTGTAGATCAACCTTAAGAGGCT 546
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DB 241 GAAGTTTATTTCTGTGAAGCCGACGCTTCTGCTTTTGTAGATCAACCTTAAGAGGCT 300
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QY 547 GCTGAGACCGTTCAAGGGCTCTTAGAGGTGGCCAAAGCTCAATCCCGGAAGTCACTGG 606
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DB 301 GCTGAGACCGTTCAAGGGCTCTTAGAGGTGGCCAAAGCTCAATCCCGGAAGTCACTGG 360
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QY 607 AAAAAGACCCAGTGTCTTAAAGGCAACAGCAGACTACGCTTACTGCGCAACACAAA 666
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DB 361 AAAAAGACCCAGTGTCTTAAAGGCAACAGCAGACTACGCTTACTGCGCAACACAAA 420
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QY 667 GCCAAGGCTGTGCTTTTGAAGGATGATCCAGAAAGCTCAACCTTCTGCTGTACCA 726
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DB 421 GCCAAGGCTGTGCTTTTGAAGGATGATCCAGAAAGCTCAACCTTCTGCTGTACCA 480
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DB 481 AAGGGAGTGTAGCATGATGATGATCCAGCAAGGCAATTAAGCTGTGGTACTGTG 540
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QY 907 CCTAGGGGTACCTCACTTCTTTGAGATGTTTAAACGACTTAAAGCTCTATACAT 966
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DB 661 CCTAGGGGTACCTCACTTCTTTGAGATGTTTAAACGACTTAAAGCTCTATACAT 720
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QY 967 AGTTACTTGGGATTTGATTTGAAGCTGCAAGACTACCAACCTTGGAGCCCTGGAGCA 1026
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DB 721 AGTTACTTGGGATTTGATTTGAAGCTGCAAGACTACCAACCTTGGAGCCCTGGAGCA 780
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QY 1027 GAAGGACTGATGGGACACTTCCGAGAGTCCGTTTACCGAGATGTTGGAAGCAGAG 1086
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DB 781 GAAGGACTGATGGGACACTTCCGAGAGTCCGTTTACCGAGATGTTGGAAGCAGAG 840
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QY 1147 GAGCCCTGTATGCGCAAGTGTGAGGGTGTACGAGAAACTTCAACGACGAGAGG 1206
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DB 901 GAGCCCTGCTATGCCGAAGTCTGAGGGGTGTAACGAGAAACTTCAACGACGAGAGG 960
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DB 961 GTCCACAGAGGTTCTTCTATGCTTTCTTACTATTATGACGAGCTGTTGACACAGAC 1020
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DB 1021 ATGATGATTTATGAAAAGGGGGGTATTTTAAAGTTGAAGATTTGAAAAGAAAGCCAGG 1080
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DB 1081 GAAGTGTGATTAACCTTGGAAAACCTTCACCTCAGGAGCTCTTCTGTGTGATGATCTC 1140
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    |||||
DB 1141 AGCTACATACAGCCCTGTTTAAAGGATGCTTTGGCTTTTGCACACACAGCTTACAG 1200
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QY 1447 CTCACAAAGAAATGAAACATATGAGAGGGGCTTTGGGGGCGACCTTTCACCTG 1506
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DB 1201 CTCACAAAGAAATGAAACATATGAGAGGGGCTTTGGGGGCGACCTTTCACCTG 1260
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QY 1507 TTGCACTCTCTGGGCACTTCCCATTTGA 1533
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DB 1261 TTGCACTCTCTGGGCACTTCCCATTTGA 1287
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## RESULT 12

US-09-557-800C-4

Sequence 4, Application US/09557800C

Patent No. 6476211

GENERAL INFORMATION:

APPLICANT: Ford, John

APPLICANT: Mulero, Julio

TITLE OF INVENTION: Methods and Materials Relating to CD39-Like

FILE REFERENCE: 28110/36457

CURRENT APPLICATION NUMBER: US/09/557, 800C

CURRENT FILING DATE: 2000-04-25

PRIOR APPLICATION NUMBER: 09/481, 238

PRIOR FILING DATE: 2000-01-11

PRIOR APPLICATION NUMBER: 09/370, 265

PRIOR FILING DATE: 1999-08-09

PRIOR APPLICATION NUMBER: PCT/US99/16180

PRIOR FILING DATE: 1999-07-16

PRIOR APPLICATION NUMBER: 09/350836

PRIOR FILING DATE: 1999-07-09

PRIOR APPLICATION NUMBER: 09/273447

PRIOR FILING DATE: 1999-03-19

PRIOR APPLICATION NUMBER: 09/122449

PRIOR FILING DATE: 1998-07-24

PRIOR APPLICATION NUMBER: 09/244444

PRIOR FILING DATE: 1999-02-04

PRIOR APPLICATION NUMBER: 09/118, 205

PRIOR FILING DATE: 1998-07-16

NUMBER OF SEQ ID NOS: 56

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 4

LENGTH: 1287

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: CDS

LOCATION: (1)..(1284)

US-09-557-800C-4

Query Match 64.3% Score 1285.4; DB 4; Length 1287;  
 Best Local Similarity 99.9%; Pred. No. 0;  
 Matches 1286; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 247 ATGGCCACTTCTGGGGGACAGTCTTTTTCATGCTGTGTGATCTCTGTGTTGACGCT 306
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Db      1 ATGGCACTCTCTGGGGGACAGTCTTTTCATGCTGTGTATCCGTGTGTCAGCGCT 60
Oy      307 GTCGCCACAGGAAACAGACAGCTGTGTTGAGGGATCTCTGCTCCATGTGCCCC 366
Db      61 GTCGCCACAGGAAACAGACAGCTGTGTTGAGGGATCTCTGCTCCATGTGCCCC 120
Oy      367 ATCAATGTACAGGCGCAGACAGCTGTGTATGGAATATGTTGATGACAGGAGCACTGGAAC 426
Db      121 ATCAATGTACAGGCGCAGACAGCTGTGTATGGAATATGTTGATGACAGGAGCACTGGAAC 180
Oy      427 CGAATTCATGTTTACACCTTGTGTGAGAAAATGCCAGACAGCTTCCAAATCTAGAAAGG 486
Db      181 CGAATTCATGTTTACACCTTGTGTGAGAAAATGCCAGACAGCTTCCAAATCTAGAAAGG 240
Oy      487 GAAGTTTGTATGTTGTGACAGGAGCTTCTGCTTTGTATGATCACTTAAGCAGGCT 546
Db      241 GAAGTTTGTATGTTGTGACAGGAGCTTCTGCTTTGTATGATCACTTAAGCAGGCT 300
Oy      547 GCTGAGACCGTTCAAGGGGCTTTAGAGGTGGCCAAAGACTCAATCCCGAAGTCACTGG 606
Db      301 GCTGAGACCGTTCAAGGGGCTTTAGAGGTGGCCAAAGACTCAATCCCGAAGTCACTGG 360
Oy      607 AAAAGACCCAGAGGTGCTTAAGGCAACAGCAGACAGCTTACTGCGCAGAACANA 666
Db      361 AAAAGACCCAGAGGTGCTTAAGGCAACAGCAGACAGCTTACTGCGCAGAACANA 420
Oy      667 GCCAAGGCTGTGCTTTGAGGTAAAGGATCTTCAGAGACAGCTTCCGTGTACGA 726
Db      421 GCCAAGGCTGTGCTTTGAGGTAAAGGATCTTCAGAGACAGCTTCCGTGTACGA 480
Oy      727 AAGGCAAGTGTATGATCATGATGATGATCCGAGGAAGCATATTAAGCTTGGTACTGTG 786
Db      481 AAGGCAAGTGTATGATCATGATGATGATCCGAGGAAGCATATTAAGCTTGGTACTGTG 540
Oy      787 AATTTTGTACAGGTCAGTGTGATGATGATGATGATGATGATGATGATGATGATGATGAT 846
Db      541 AATTTTGTACAGGTCAGTGTGATGATGATGATGATGATGATGATGATGATGATGATGAT 600
Oy      847 GGGGAGACCTCCACCAATACAGTTCCTGCCCCATTTGAGAAAACCTGTGAACAACAT 906
Db      601 GGGGAGACCTCCACCAATACAGTTCCTGCCCCATTTGAGAAAACCTGTGAACAACAT 660
Oy      907 CCTAGGGGCTTACCTCACTTCTTTGAGATGTTTAAACAGACATTAAGCTTATACAT 966
Db      661 CCTAGGGGCTTACCTCACTTCTTTGAGATGTTTAAACAGACATTAAGCTTATACAT 720
Oy      967 AATTACTGTGAGATGTTGATGATGATGATGATGATGATGATGATGATGATGATGAT 1026
Db      721 AATTACTGTGAGATGTTGATGATGATGATGATGATGATGATGATGATGATGATGAT 780
Oy      1027 GAAGGAGACTGATGGGACACTTCCGAGTGCCTGTTTACCGGATGTTGGAAGCAGAG 1086
Db      781 GAAGGAGACTGATGGGACACTTCCGAGTGCCTGTTTACCGGATGTTGGAAGCAGAG 840
Oy      1087 TGGATCTTTGGGGGTGTGAATACAGTAAGTGTGACCAACAGAAAGGGAGTGGGCTTT 1146
Db      841 TGGATCTTTGGGGGTGTGAATACAGTAAGTGTGACCAACAGAAAGGGAGTGGGCTTT 900
Oy      1147 GAGCCCTGCTATGCCAAGTGTGAGGGTGTACGAGGAAAACCTTACACGACAGAGAG 1206
Db      901 GAGCCCTGCTATGCCAAGTGTGAGGGTGTACGAGGAAAACCTTACACGACAGAGAG 960
Oy      1207 GTCCAGAGAGTTCCTTCTATGCTTCTCTACTATTAAGCAGAGCTGTGACAGAG 1266
Db      961 GTCCAGAGAGTTCCTTCTATGCTTCTCTACTATTAAGCAGAGCTGTGACAGAG 1020
Oy      1267 ATGATTTGATTAAGAAAAGGGGCTATTTAAAAGTTGAAGATTTTGAAGAAAAGCAGG 1326
Db      1021 ATGATTTGATTAAGAAAAGGGGCTATTTAAAAGTTGAAGATTTTGAAGAAAAGCAGG 1080
Oy      1327 GAAGTGTGTATTAAGTGAAGAAAACCTTCACTGAGGAGTCTTCTGTGATGATGATCTC 1386
Db      1081 GAAGTGTGTATTAAGTGAAGAAAACCTTCACTGAGGAGTCTTCTGTGATGATGATCTC 1140

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Oy      1387 AGCTACATCAGACCCCTGTTAAAGATGGCTTTGCTTTCAGACAGCAGTCTTACAG 1446
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Oy      1447 CTCACAAGAAAGTGAACACATAGAGAGGGGCTGTGGGGCCACCTTCACTTG 1506
Db      1201 CTCACAAGAAAGTGAACACATAGAGAGGGGCTGTGGGGCCACCTTCACTTG 1260
Oy      1507 TTGAGTCTCTGGGCACTTCCCATTTGA 1533
Db      1261 TTGAGTCTCTGGGCACTTCCCATTTGA 1287

RESULT 13
US-09-608-285A-6
; Sequence 6, Application US/09608285A
; Patent No. 6335013
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Mulero, Julio
; APPLICANT: Yeung, George
; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO CD39-LIKE
; FILE REFERENCE: 28110/36570
; CURRENT APPLICATION NUMBER: US/09/608, 285A
; CURRENT FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/583, 231
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 09/557, 800
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/481, 238
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: 09/370, 265
; PRIOR FILING DATE: 1998-08-09
; PRIOR APPLICATION NUMBER: PCT/US99/16180
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: 09/350, 836
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/273, 447
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: 09/244, 444
; PRIOR FILING DATE: 1999-02-04
; PRIOR APPLICATION NUMBER: 09/122, 449
; PRIOR FILING DATE: 1998-07-24
; PRIOR APPLICATION NUMBER: 09/118, 205
; PRIOR FILING DATE: 1998-07-16
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 6
; LENGTH: 1287
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1284)
US-09-608-285A-6

Query Match      63.98; Score 1275.8; DB 4; Length 1287;
Best Local Similarity 99.58; Pred. No. 0;
Matches 1280; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

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Db 481 AAGGGAGCTGTAGCATGACTGGACAAGAGGAGATATTCCTGGTGTACTGTG 540  
 Oy 787 AATTTCTGACAGGTGAGTGCATGGCCACAGAGAGAGCTGTGGGACCTTGACCTA 846  
 Db 541 AATTTCTGACAGGTGAGTGCATGGCCACAGAGAGAGCTGTGGGACCTTGACCTA 600  
 Oy 847 GGGGAGGCTCCACCCAAATCAAGTCTGCTCCCACTTTGAGAAACTCTGGAACAACT 906  
 Db 601 GGGGAGGCTCCACCCAAATCAAGTCTGCTCCCACTTTGAGAAACTCTGGAACAACT 660  
 Oy 907 CCTAGGGGCTTACCTCTCTCTTTGAGATGTTTACAGCACTTATAGCTCTATACAT 966  
 Db 661 CCTAGGGGCTTACCTCTCTCTTTGAGATGTTTACAGCACTTATAGCTCTATACAT 720  
 Oy 967 ACTTACTTGGGATTTGGATTTGAAGAGTGCAGAGCTAGCAACCTGGAGGCTTGAGACA 1026  
 Db 721 ACTTACTTGGGATTTGGATTTGAAGAGTGCAGAGCTAGCAACCTGGAGGCTTGAGACA 780  
 Oy 1027 GAAGGAGCTGATGGGACACTTTCGAGTGCCTTTTACCGAGATGTTGGAAGCAGAG 1086  
 Db 781 GAAGGAGCTGATGGGACACTTTCGAGTGCCTTTTACCGAGATGTTGGAAGCAGAG 840  
 Oy 1087 TGGATCTTTGGGGGTGTAAATACAGATGTGTGSCAACCCAGAGAGGGAGTGGCTTT 1146  
 Db 841 TGGATCTTTGGGGGTGTAAATACAGATGTGTGSCAACCCAGAGAGGGAGTGGCTTT 900  
 Oy 1147 GAGCCCTGCTATGCCAGTGGTGAAGGTGTGAGGAGAAATTCACCGCCAGAGAGG 1206  
 Db 901 GAGCCCTGCTATGCCAGTGGTGAAGGTGTGAGGAGAAATTCACCGCCAGAGAGG 960  
 Oy 1207 GTCCAGAGAGGTTCTCTTATGCTTTCCTTACTATTATGACGAGCTGTGACAGAGAC 1266  
 Db 961 GTCCAGAGAGGTTCTCTTATGCTTTCCTTACTATTATGACGAGCTGTGACAGAGAC 1020  
 Oy 1267 ATGATTGATTATGAAAAGGGGGTATTTTAAAGTGAAGATTTTGAAGAAAAGCCAGG 1326  
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 Oy 1507 TTGCACTCTGCGGAGCTCCCATGGA 1533  
 Db 1261 TTGCACTCTGCGGAGCTCCCATGGA 1287

RESULT 15  
 US-09-370-265-6  
 : Sequence 6, Application US/09370265  
 : Patent No. 6447771  
 : GENERAL INFORMATION:  
 : APPLICANT: Ford, John  
 : APPLICANT: Madero, Julio  
 : TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE  
 : TITLE OF INVENTION: POLYPEPTIDES  
 : FILE REFERENCE: 28111/35908  
 : CURRENT APPLICATION NUMBER: US/09/370,265  
 : EARLIER FILING DATE: 1999-08-09  
 : EARLIER APPLICATION NUMBER: PCT/US99/16180  
 : EARLIER FILING DATE: 1999-07-16  
 : EARLIER APPLICATION NUMBER: 09/350,836  
 : EARLIER FILING DATE: 1999-07-09  
 : EARLIER APPLICATION NUMBER: 09/273,447

: EARLIER FILING DATE: 1999-03-19  
 : EARLIER APPLICATION NUMBER: 09/244,444  
 : EARLIER FILING DATE: 1999-02-04  
 : EARLIER APPLICATION NUMBER: 09/122,449  
 : EARLIER FILING DATE: 1998-07-24  
 : EARLIER APPLICATION NUMBER: 09/118,205  
 : EARLIER FILING DATE: 1998-07-16  
 : NUMBER OF SEQ. ID NOS: 37  
 : SOFTWARE: Patentln Ver. 2.0  
 : SEQ. ID NO: 6  
 : LENGTH: 1287  
 : TYPE: DNA  
 : ORGANISM: Homo sapiens  
 : FEATURE:  
 : NAME/KEY: CDS  
 : LOCATION: (1)..(1284)  
 : US-09-370-265-6

Query Match 63.9%; Score 1275.8; DB 4; Length 1287;  
 Best Local Similarity 99.5%; Pred. No. 0;  
 Matches 1280; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Oy 247 ATGGCCACTTCTTGGGGACAGTCTTTTTCATGCTGTGTATCTGTGTTGAGCGCT 306  
 Db 1 ATGGCCACTTCTTGGGGACAGTCTTTTTCATGCTGTGTATCTGTGTTGAGCGCT 60  
 Oy 307 GTCCACAGAGAAACGACAGTGTGTTGAGGATCTTCTGCTTCCATCTGCCCC 366  
 Db 61 GTCCACAGAGAAACGACAGTGTGTTGAGGATCTTCTGCTTCCATCTGCCCC 120  
 Oy 367 ATCAATGTACAGCCACAGACCTTGTATGATTAATTTGTTGATGAGGAGACAGTGAAC 426  
 Db 121 ATCAATGTACAGCCACAGACCTTGTATGATTAATTTGTTGATGAGGAGACAGTGAAC 180  
 Oy 427 CGAATTCATTTTACACCTTTGTGACAGAAATGCGACAGACCTTCCATTTGAAGG 486  
 Db 181 CGAATTCATTTTACACCTTTGTGACAGAAATGCGACAGACCTTCCATTTGAAGG 240  
 Oy 487 GAAGTTTGTATCTGTGAAGGACAGTCTTGTGCTTGTATGATCAACCTAAGCAGG 546  
 Db 241 GAAGTTTGTATCTGTGAAGGACAGTCTTGTGCTTGTATGATCAACCTAAGCAGG 300  
 Oy 547 GCTGAGACGTTCAAGGGCTCTTGAAGGTGGCCAAAGATCAATCCCGCAAGTCACTGG 606  
 Db 301 GCTGAGACGTTCAAGGGCTCTTGAAGGTGGCCAAAGATCAATCCCGCAAGTCACTGG 360  
 Oy 607 AAAAAGACCCAGTGTCTTAAAGCAACAGAGGACTTACTGTGCGAAGACACAAA 666  
 Db 361 AAAAAGACCCAGTGTGTCTTAAAGCAACAGAGGACTTACTGTGCGAAGACACAAA 420  
 Oy 667 GCCAAGGCTGTGCTCTTGTGAAGGTAAGGAAATCTTCAGGAAGTCACTTCTGTGACCA 726  
 Db 421 GCCAAGGCTGTGCTCTTGTGAAGGTAAGGAAATCTTCAGGAAGTCACTTCTGTGACCA 480  
 Oy 727 AAGGCGAGTGTAGCATGATGATGATCCGAGAAAGCATATTAAGCTGGTTACTGTG 786  
 Db 481 AAGGCGAGTGTAGCATGATGATGATCCGAGAAAGCATATTAAGCTGGTTACTGTG 540  
 Oy 787 AATTTCTGACAGGTGATGCTGATGGCCACAGACAGAGACTGTGGGACCTTGGACCTA 846  
 Db 541 AATTTCTGACAGGTGATGCTGATGGCCACAGACAGAGACTGTGGGACCTTGGACCTA 600  
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 Db 661 CCTAGGGGCTTACCTCTCTCTTTGAGATGTTTACAGCACTTATAGCTCTATACAT 720  
 Oy 967 ACTTACTTGGGATTTGGATTTGAAGTGCAGAGCTAGCAACCTGGAGGCTTGAGACA 1026  
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